

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-01089	
TYPE OF WELL <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MULTIPLE OIL WELL GAS WELL OTHER ZONE ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		7. UNIT AGREEMENT NAME WHITE RIVER UNIT	
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. WRU EIH 7AML-35-8-22	
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		9. API NUMBER: 43-047-38641	
Telephone number Phone 435-781-4331 Fax 435-781-4323		10. FIELD AND POOL, OR WILDCAT WHITE RIVER	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 636248X 1409' FNL 1378' FEL SWNE SECTION 35 T8S R22E At proposed production zone 4437952Y 40.082725 -109.401981		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 35, T8S, R22E Mer SLB	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 33 + / - SOUTHEAST OF VERNAL, UTAH		12. COUNTY OR PARISH Uintah	13. STATE UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 1378' +/-	16. NO. OF ACRES IN LEASE 640.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 20	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 1000' +/-	19. PROPOSED DEPTH 9,975'	20. BLM/BIA Bond No. on file ESB000024	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4913.8' GR	22. DATE WORK WILL START ASAP	23. Estimated duration 14 days	
24. Attachments			

The following, completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan ( if location is on National Forest System Lands,  
the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an exisiting bond on file (see  
Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the  
authorized officer.

SIGNED Jan Nelson Name (printed/typed) Jan Nelson

DATE 9-18-06

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-38641

APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill

TITLE

BRADLEY G. HILL  
ENVIRONMENTAL MANAGER

DATE 09-25-06

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the  
United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction

Federal Approval of this  
Action is Necessary

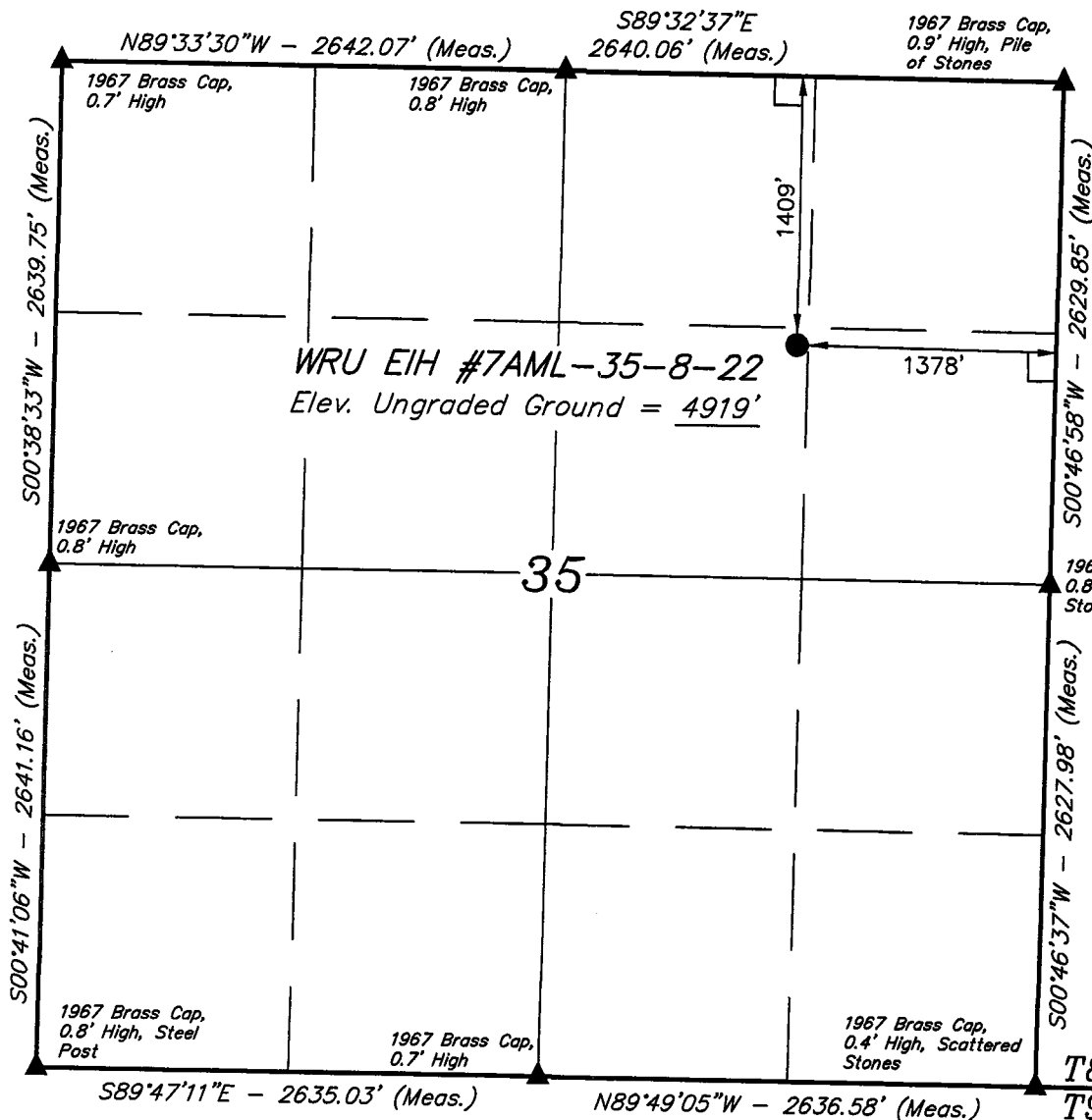
CONFIDENTIAL

RECEIVED  
SEP 21 2006  
DIV. OF OIL, GAS & MINING

T8S, R22E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, WRU EIH #7AML-35-8-22, located as shown in the SW 1/4 NE 1/4 of Section 35, T8S, R22E, S.L.B.&M. Uintah County, Utah.

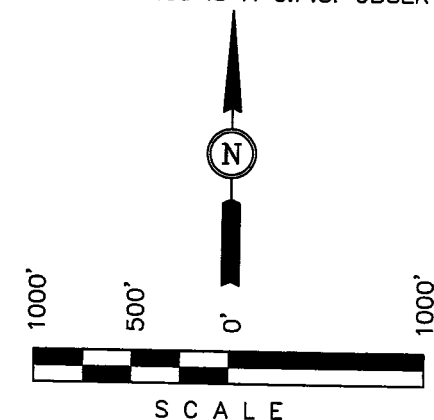


### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

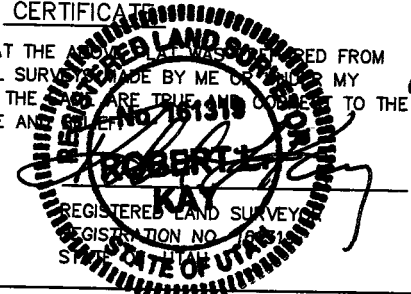
### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



### LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°04'57.81" (40.082725)  
 LONGITUDE = 109°24'09.53" (109.402647)  
 (NAD 27)  
 LATITUDE = 40°04'57.94" (40.082761)  
 LONGITUDE = 109°24'07.07" (109.401964)

T8S  
T9S

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-02-06	DATE DRAWN: 08-05-06
PARTY B.B. T.A. C.H.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

### **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 9,975' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Please be advised that QEP Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Uinta	Surface
Green River	2,240'
Mahogany	2,865'
Wasatch	5,240'
Mesaverde	7,715'
Sego	9,870'
TD	9,975'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<b><u>Substance</u></b>	<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Gas	Wasatch	5,240'
Gas	Mesaverde	7,715'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

## DRILLING PROGRAM

### 3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

### 4. Casing Program

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	700'	36.0	J-55	STC	New
7-7/8"	4-1/2"	sfc	9,975'	11.6	P-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
4-1/2"	11.6 lb.	P-110	LTC	7,580 psi	10,690 psi	279,000 lb.

DRILLING PROGRAM

**5. Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

**6. Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1500' to TD  
GR-SP-Induction - Neutron Density

## DRILLING PROGRAM

- D. Formation and Completion Interval: Green River/Wasatch/Mesa Verde interval, final determination of completion will be made by analysis of logs.  
Stimulation: Stimulation will be designed for the particular area of interest as encountered.

### 7. Cementing Program

#### **14" Conductor:**

Cement to surface with construction cement.

#### **9-5/8" Surface Casing: sfc - 700' (MD)**

**Lead/Tail Slurry:** 0' - 700'. 375 sks (440 cu ft) Premium AG cement + 2%  $\text{CaCl}_2$  + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

#### **4-1/2" Production Casing: sfc - 9,975' (MD)**

**Lead Slurry:** 0' - 4,800'. 360 sks (1385 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 7-7/8" hole + 25% excess in open hole section.

**Tail Slurry:** 4,800' - 9,975'. 1190 sks (1475 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 7-7/8" hole + 25% excess.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

### 8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5445 psi. Maximum anticipated bottom hole temperature is 190° F.

5M BOP STACK

11" Rotating Head

11" Spacer Spool

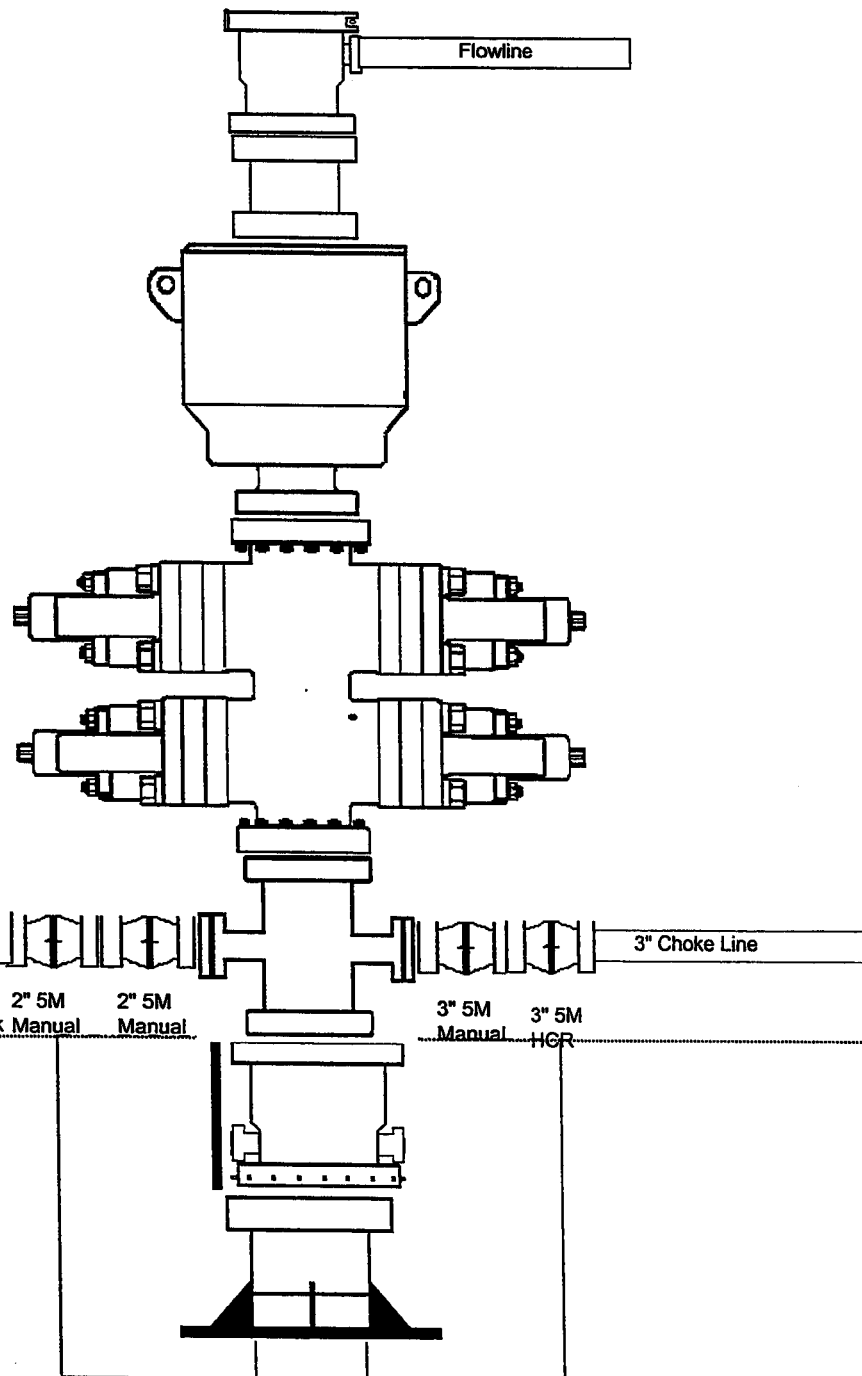
11" 5M Annular

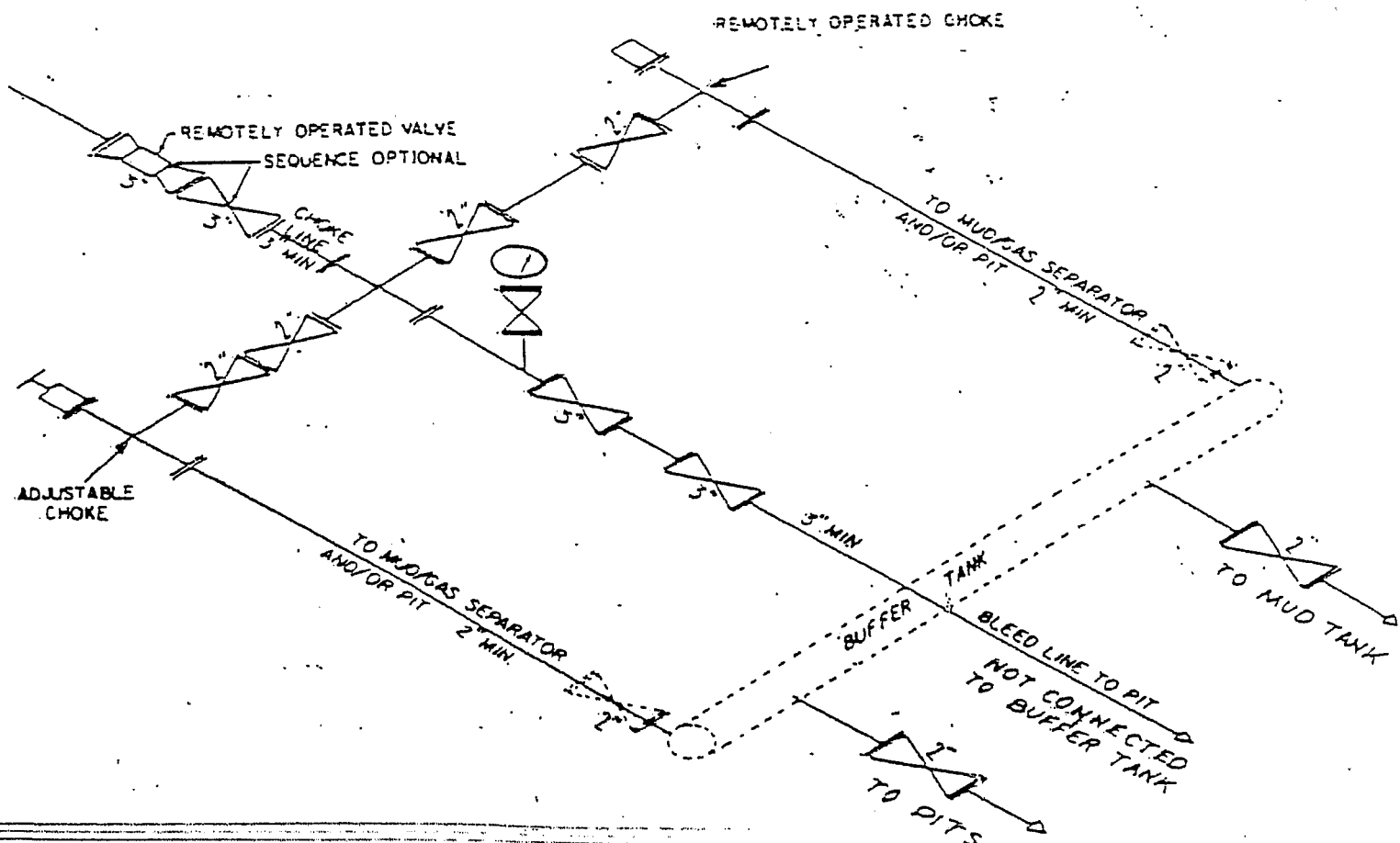
11" 5M Double Ram

G.L.

11" 5M x 5M Multi-Bowl Head

9 5/8" 5M Casing Head





② 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

**QEP UINTA BASIN, INC.  
WRU EIH 7AML-35-8-22  
1409' FNL 1378' FEL  
SWNE, SECTION 35, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # UTU-01089**

**ONSHORE ORDER NO. 1**

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the WRU EIH 7AML-35-8-22 on September 13, 2006 . Weather conditions were warm and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.

**1. Existing Roads:**

The proposed well site is approximately 33 miles southeast of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing roads.

**2. Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

**3. Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

**5. Location and Type of Water Supply:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**6. Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**7. Methods of Handling Waste Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**8. Ancillary Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

**10. Plans for Reclamation of the Surface:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**Interim Reclamation**

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the success of reclamation.

**Seed Mix:**

*Interim Reclamation:*

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Threadgrass

*Final Reclamation:*

Seed Mix # 1      3 lbs. Fourwing Saltbush, 3 lbs. Indian Rice Grass, 4 lbs. Hycrest Crested Wheat Grass,  
1 lb. Needle & Threadgrass

**11. Surface Ownership:**

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

Round corner # 8 to stay out of drainage.

QEP will carry out Interim Reclamation mitigation for the habitat loss on well location WRU EIH 8MU-35-8-22.

**QEP Uinta Basin, Inc.**  
**Request for Exception to Buried Pipeline**  
**for**  
**WRU EIH 7AML-35-8-22**

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: *"As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation."* QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

**Class IV VRM**

- ♦ This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- ♦ QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

**Environmental and Safety Concerns**

- ♦ Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- ♦ Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- ♦ With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- ♦ Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- ♦ The additional surface disturbance will increase the risk of disturbing paleontological sites.

#### **Operational and Mechanical Concerns for Gas Lines**

- ♦ Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- ♦ Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- ♦ Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in “freeze boxes” or “valve boxes”. Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- ♦ Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- ♦ Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- ♦ This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- ♦ Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

**Lessee's or Operator's Representative:**

Jan Nelson  
Red Wash Rep.  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4331

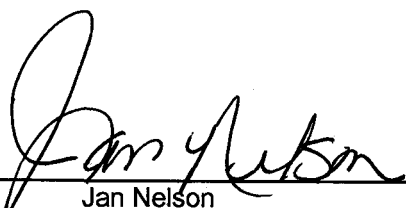
**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
Jan Nelson  
Red Wash Representative

18-Sep-06  
\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

**WRU EIH #7AML-35-8-22**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 35, T8S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**08 07 06**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: B.B.

DRAWN BY: C.P.

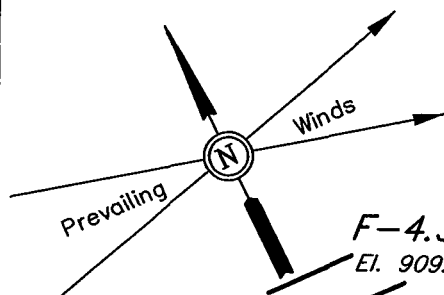
REVISED: 00-00-00

# QUESTAR EXPLR. & PROD.

FIGURE #1

## LOCATION LAYOUT FOR

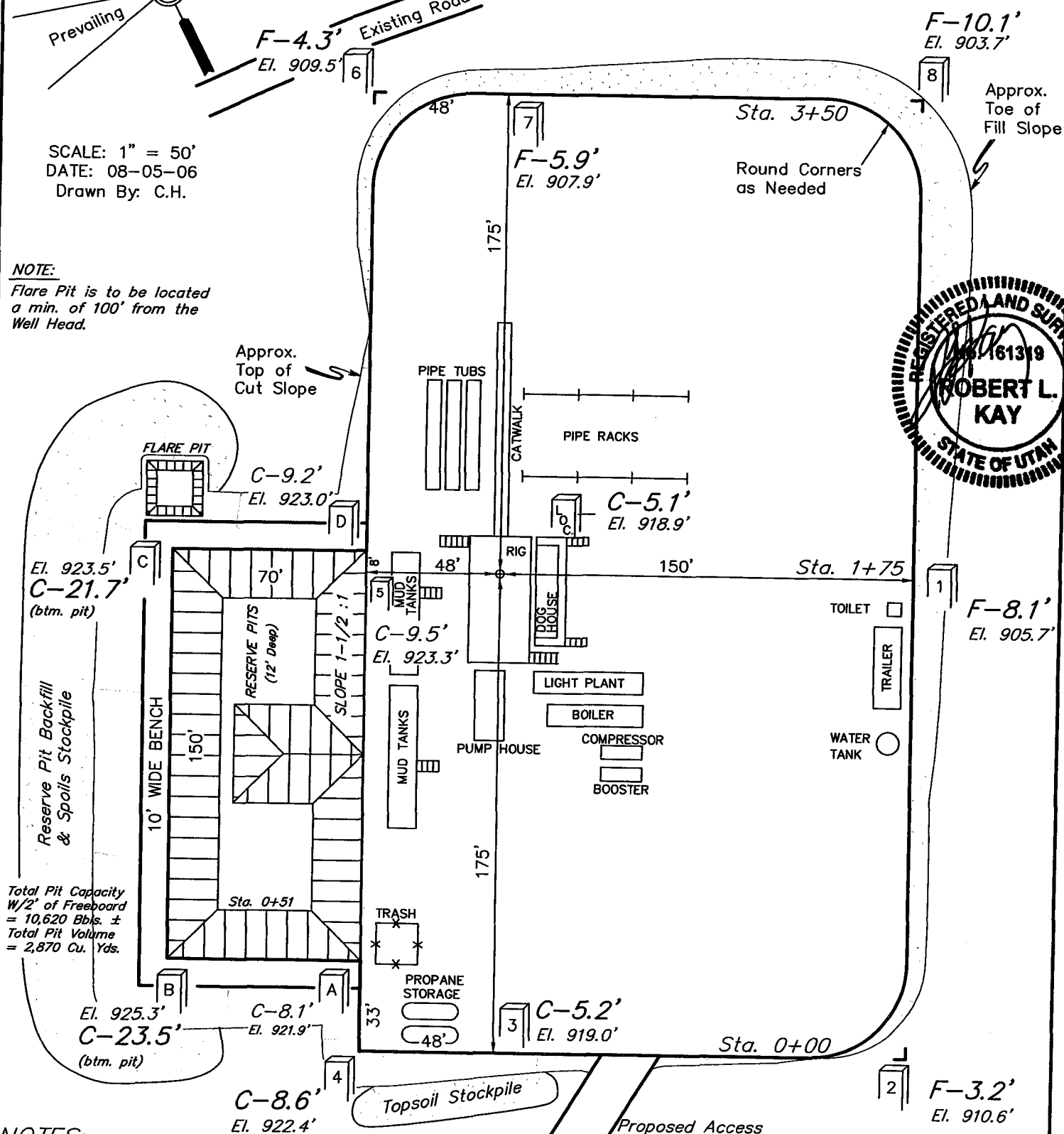
WRU EIH #7AML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
1409' FNL 1378' FEL



SCALE: 1" = 50'  
DATE: 08-05-06  
Drawn By: C.H.

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4918.9'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4913.8'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

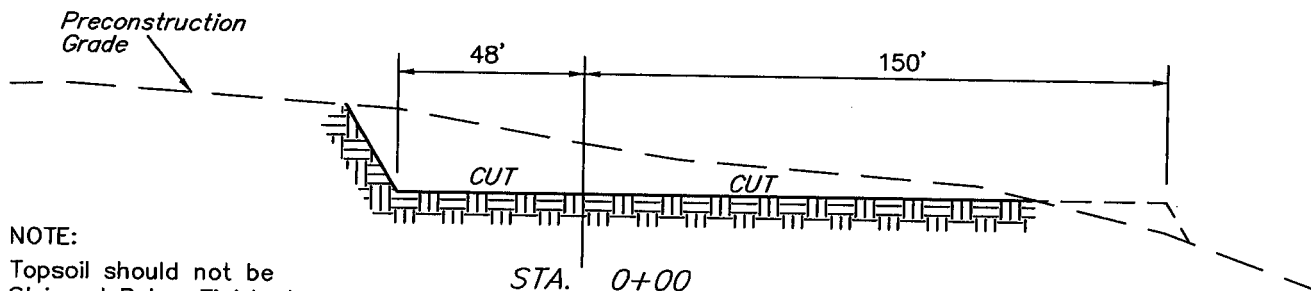
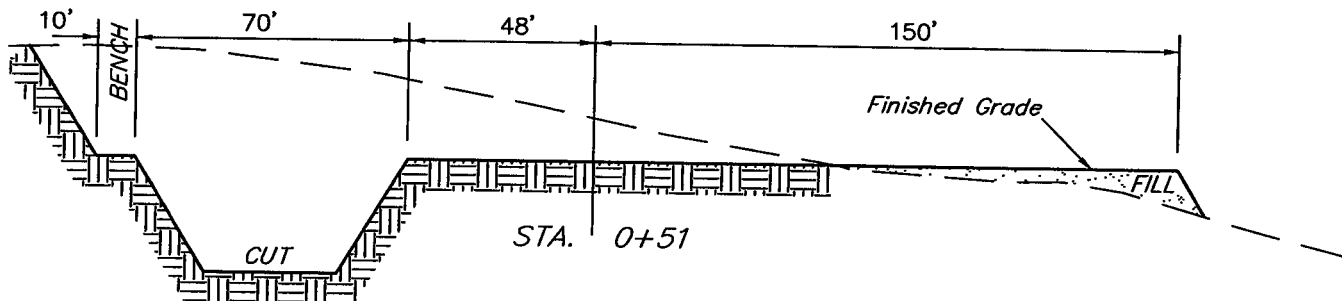
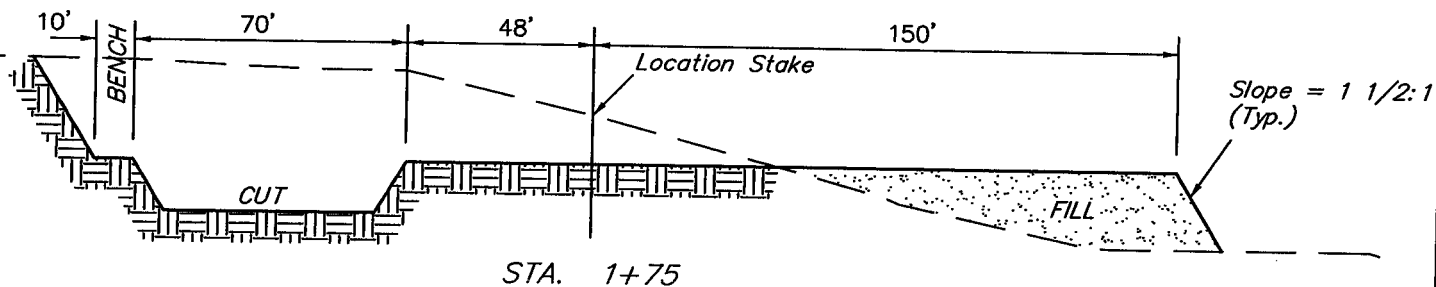
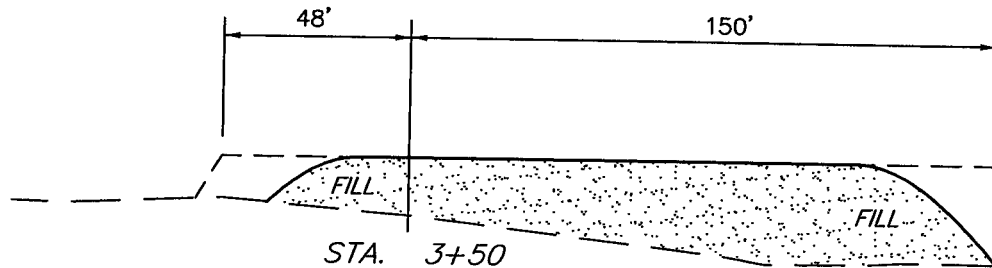
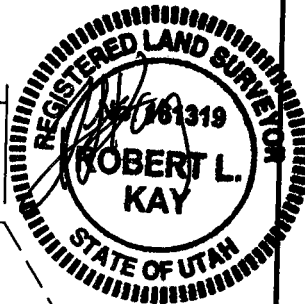
# QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR  
WRU EIH #7AML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
1409' FNL 1378' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 08-05-06  
Drawn By: C.H.



NOTE:  
Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 1,860 Cu. Yds.  
Remaining Location = 12,530 Cu. Yds.  
TOTAL CUT = 14,390 CU.YDS.  
FILL = 11,090 CU.YDS.

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION  
Excess Material = 3,300 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 3,300 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

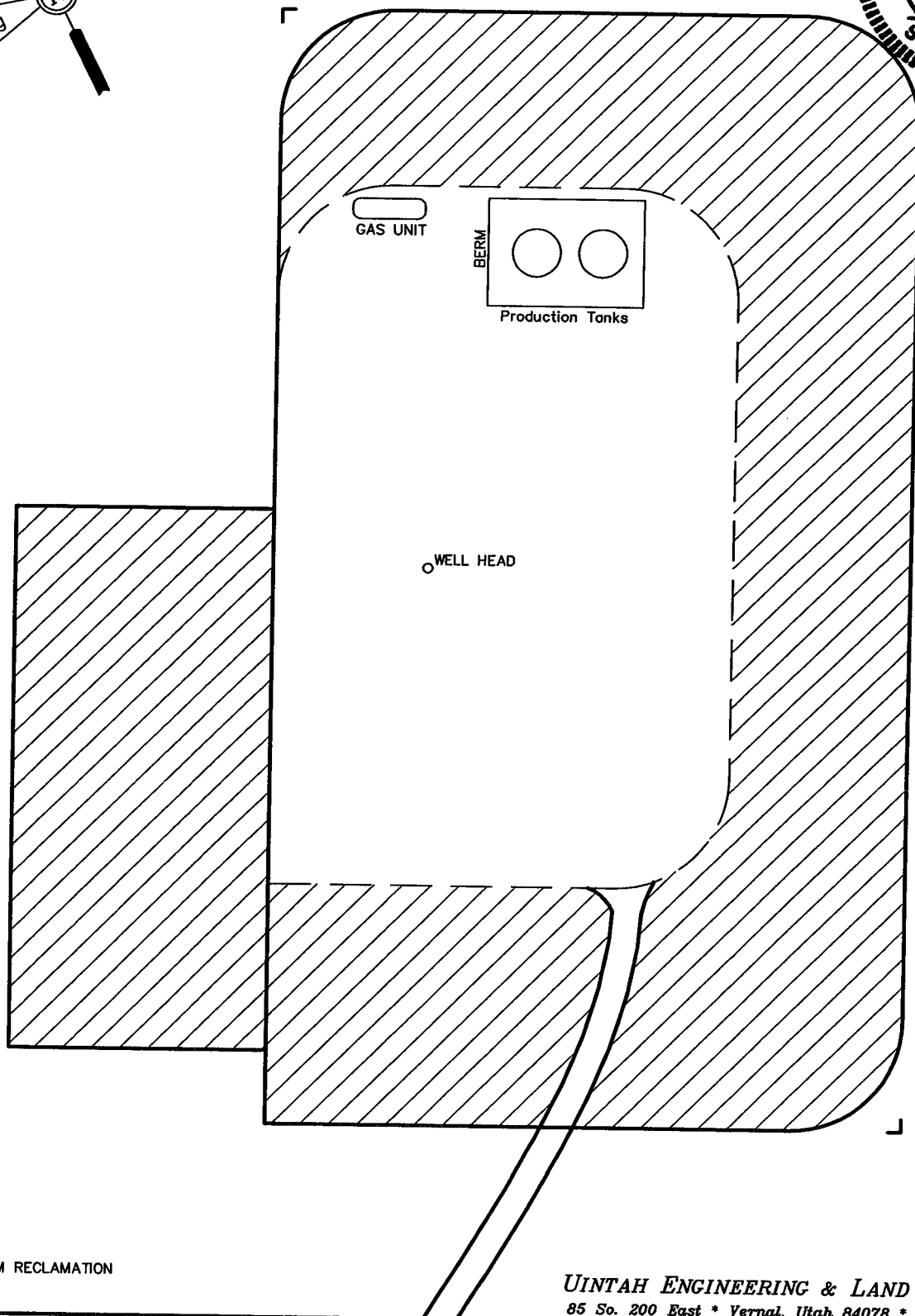
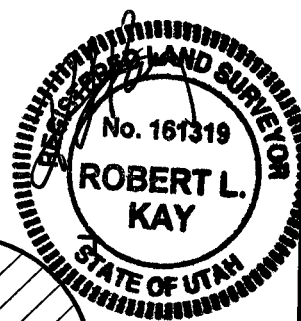
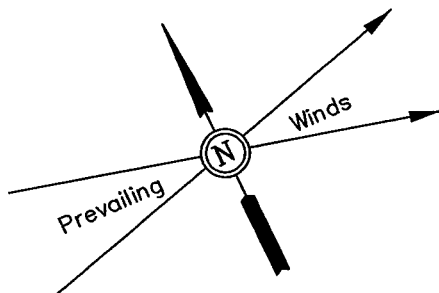
QUESTAR EXPLR. & PROD.

SCALE: 1" = 50'  
DATE: 08-05-06  
Drawn By: C.H.

INTERIM RECLAMATION PLAN FOR

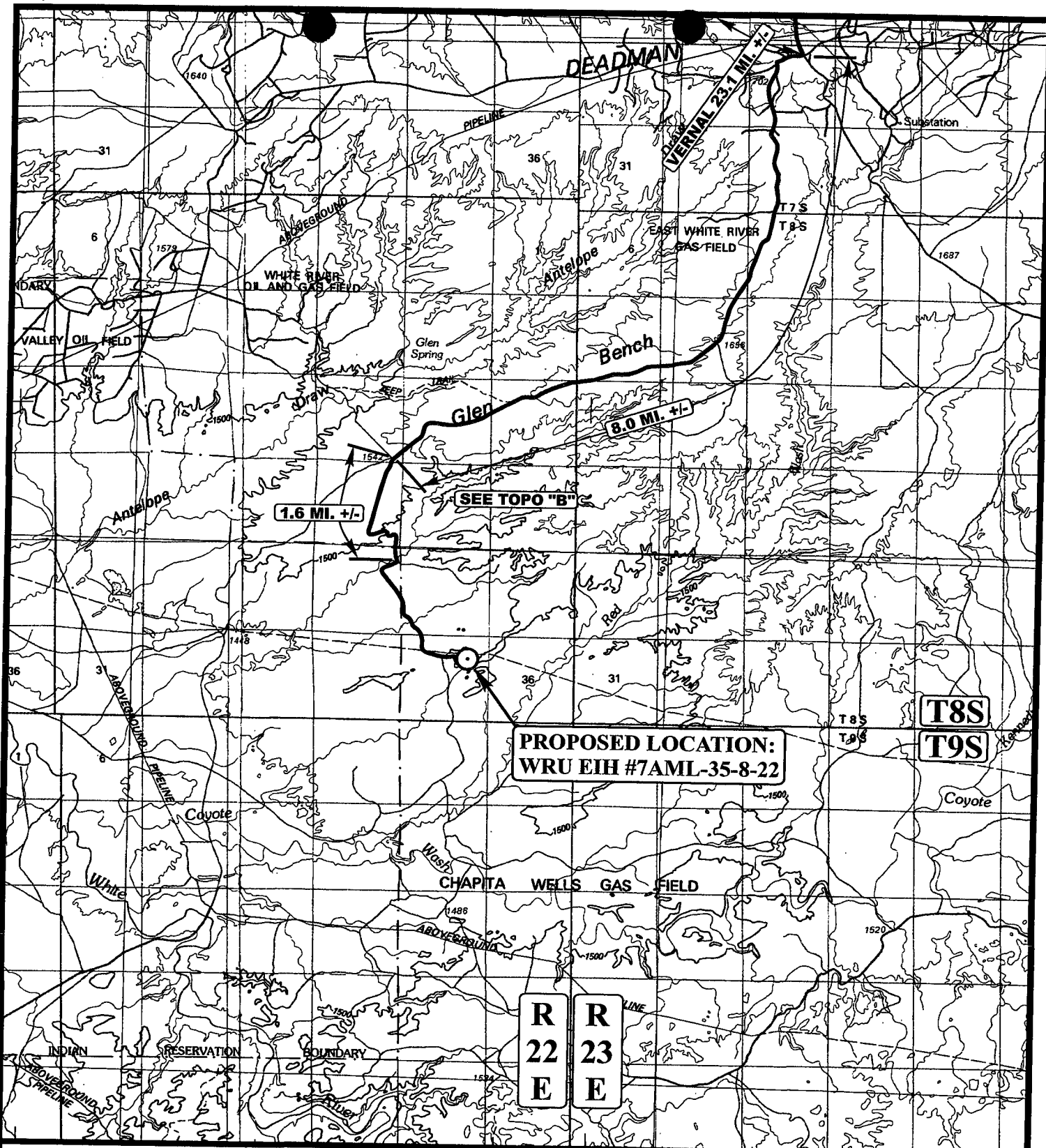
WRU EIH #7AML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
1409' FNL 1378' FEL

FIGURE #3



INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# LEGEND:

○ PROPOSED LOCATION



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



# QUESTAR EXPLR. & PROD.

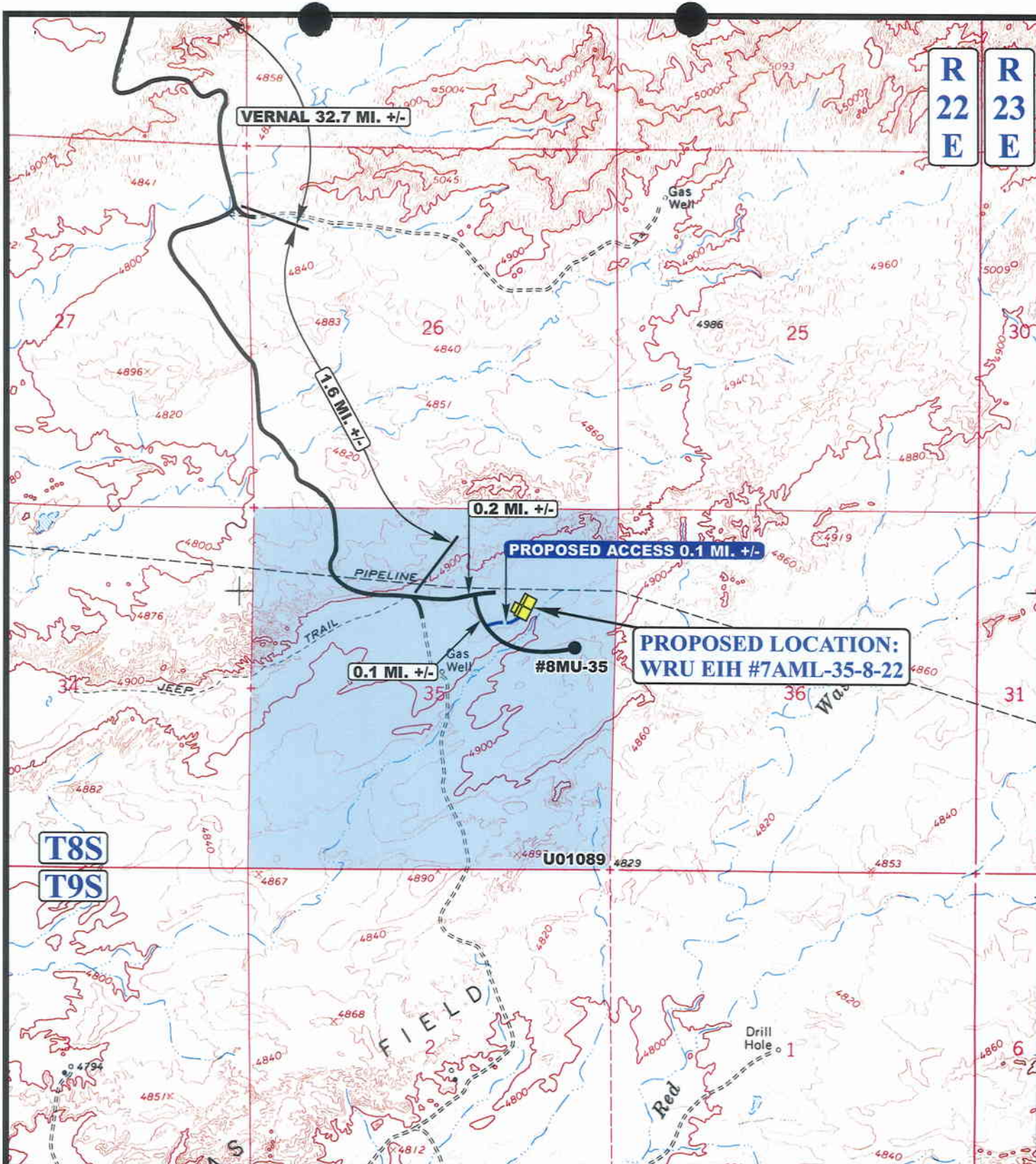
WRU EIH #7AML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
1409' FNL 1378' FEL

TOPOGRAPHIC  
MAP

08 07 06  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00

A  
TOPO



# LEGEND:

EXISTING ROAD  
 PROPOSED ACCESS ROAD

## QUESTAR EXPLR. & PROD.

WRU EIH #7AML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
1409' FNL 1378' FEL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**08 07 06**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

**B**  
**TOPO**



**D**  
**TOPO**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/21/2006

API NO. ASSIGNED: 43-047-38641

WELL NAME: WRU EIH 7AML-35-8-22

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

**PROPOSED LOCATION:**

SWNE 35 080S 220E

SURFACE: 1409 FNL 1378 FEL

BOTTOM: 1409 FNL 1378 FEL

COUNTY: UINTAH

LATITUDE: 40.08273 LONGITUDE: -109.4020

UTM SURF EASTINGS: 636248 NORTHINGS: 4437952

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01089

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

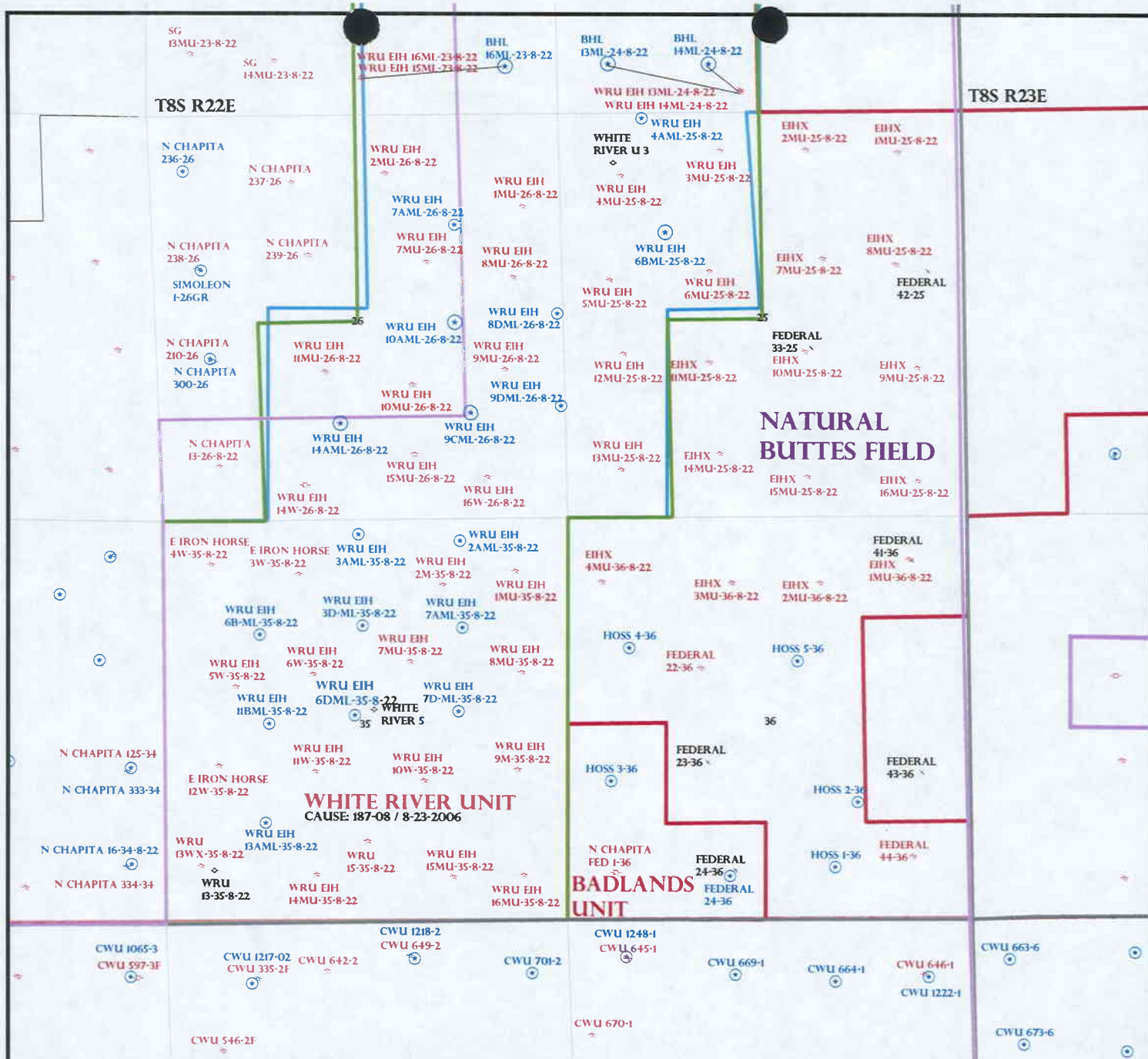
\_\_\_ R649-2-3.  
Unit: WHITE RIVER  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 187-08  
Eff Date: 8-23-2006  
Siting: *Susends Genl Siting*  
\_\_\_ R649-3-11. Directional Drill

COMMENTS:

*Sep, Separate file*

STIPULATIONS:

*1- Fed approval*



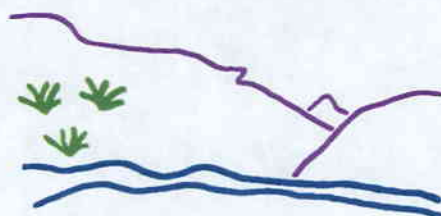
OPERATOR: QEP UTAH BASIN (N2460)

SEC: 25,26,35 T.8S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

CAUSE: 187-08 / 8-23-2006



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 22-SEPTEMBER-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

September 25, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development White River Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the White River Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38649	WRU EIH 09CML-26-8-22	Sec 26 T08S R22E 1408 FSL 1226 FEL
43-047-38647	WRU EIH 10AML-26-8-22	Sec 26 T08S R22E 2588 FSL 1406 FEL
43-047-38648	WRU EIH 14AML-26-8-22	Sec 26 T08S R22E 1274 FSL 2375 FWL
43-047-38637	WRU EIH 07AML-26-8-22	Sec 26 T08S R22E 1410 FNL 1381 FEL
43-047-38638	WRU EIH 08DML-26-8-22	Sec 26 T08S R22E 2563 FNL 0061 FEL
43-047-38639	WRU EIH 09DML-26-8-22	Sec 26 T08S R22E 1492 FSL 0038 FEL
43-047-38650	WRU EIH 06BML-25-8-22	Sec 25 T08S R22E 1531 FNL 1387 FWL
43-047-38636	WRU EIH 04AML-25-8-22	Sec 25 T08S R22E 0030 FNL 1120 FWL
43-047-38640	WRU EIH 06DML-35-8-22	Sec 35 T08S R22E 2551 FNL 2492 FWL
43-047-38641	WRU EIH 07AML-35-8-22	Sec 35 T08S R22E 1409 FNL 1378 FEL
43-047-38642	WRU EIH 13AML-35-8-22	Sec 35 T08S R22E 1311 FSL 1308 FWL
43-047-38643	WRU EIH 02AML-35-8-22	Sec 35 T08S R22E 0280 FNL 1413 FEL
43-047-38644	WRU EIH 03AML-35-8-22	Sec 35 T08S R22E 0191 FNL 2555 FWL
43-047-38651	WRU EIH 09CML-23-8-22	Sec 23 T08S R22E 1560 FSL 1298 FEL
	BHL	Sec 23 T08S R22E 1317 FSL 1342 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - White River Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 25, 2006

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: WRU EIH 7AML-35-8-22 Well, 1409' FNL, 1378' FEL, SW NE, Sec. 35,  
T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38641.

Sincerely,

*per* Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** QEP Uinta Basin, Inc.  
**Well Name & Number** WRU EIH 7AML-35-8-22  
**API Number:** 43-047-38641  
**Lease:** UTU-01089

**Location:** SW NE                      **Sec.** 35                      **T.** 8 South                      **R.** 22 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

**FROM: (Old Operator):**

N2460-QEP Uinta Basin, Inc.  
 1050 17th St, Suite 500  
 Denver, CO 80265

Phone: 1 (303) 672-6900

**TO: ( New Operator):**

N5085-Questar E&P Company  
 1050 17th St, Suite 500  
 Denver, CO 80265

Phone: 1 (303) 672-6900

CA No.				Unit:		WHITE RIVER UNIT		
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WHITE RIVER 31-4	WR 31-4	SWSE	04	080S	220E	4304715090	4915	Federal	WS	A
WRU 15-35-8-22	WRU EIH 15-35-8-22	SWSE	35	080S	220E	4304733061	12528	Federal	GW	P
E IRON HORSE 12W-35-8-22	WRU EIH 12W-35-8-22	NWSW	35	080S	220E	4304733393	12528	Federal	GW	P
WRU 13W-3-8-22	WR 13W-3-8-22	SWSW	03	080S	220E	4304733651	13544	Federal	GW	P
GB 6W-9-8-22	OU GB 6W-9-8-22	SENW	09	080S	220E	4304734010	13545	Federal	GW	P
E IRON HORSE 4W-35-8-22	WRU EIH 4W-35-8-22	NWNW	35	080S	220E	4304734042	12528	Federal	GW	P
E IRON HORSE 3W-35-8-22		NENW	35	080S	220E	4304734044	12528	Federal	GW	P
GB 4W-9-8-22	WRU GB 4WRG-9-8-22	NWNW	09	080S	220E	4304734208	4915	Federal	GW	DRL
WRU 13WX-35-8-22	WRU EIH 13WX-35-8-22	SWSW	35	080S	220E	4304734210	12528	Federal	GW	P
WRU EIH 5W-35-8-22	WRU EIH 5W-35-8-22	SWNW	35	080S	220E	4304734572	12528	Federal	GW	P
OU GB 14W-9-8-22	OU GB 14W-9-8-22	SESW	09	080S	220E	4304734649	13545	Federal	GW	P
WRU GB 9MU-9-8-22	WRU GB 9MU-9-8-22	NESE	09	080S	220E	4304734650	13545	Federal	GW	P
OU GB 10W-9-8-22	OU GB 10W-9-8-22	NWSE	09	080S	220E	4304734651	13545	Federal	GW	P
OU GB 12W-9-8-22	OU GB 12W-9-8-22	NWSW	09	080S	220E	4304734652	13712	Federal	GW	S
OU GB 15W-9-8-22	OU GB 15W-9-8-22	SWSE	09	080S	220E	4304734678	13545	Federal	GW	P
OU GB 16W-9-8-22	OU GB 16W-9-8-22	SESE	09	080S	220E	4304734679	13545	Federal	GW	P
WRU EIH 6W-35-8-22	WRU EIH 6W-35-8-22	SENW	35	080S	220E	4304734684	12528	Federal	GW	P
GB 11ML-10-8-22	GB 11ML-10-8-22	NESW	10	080S	220E	4304734691	14818	Federal	GW	P
WRU EIH 11W-35-8-22	WRU EIH 11W-35-8-22	NESW	35	080S	220E	4304734708	12528	Federal	GW	P
WRU GB 5M-9-8-22	WRU GB 5M-9-8-22	SWNW	09	080S	220E	4304734753	13545	Federal	GW	P
OU GB 12W-4-8-22	OU GB 12W-4-8-22	NWSW	04	080S	220E	4304734762	13718	Federal	GW	P
OU GB 12M-10-8-22	OU GB 12M-10-8-22	NWSW	10	080S	220E	4304734769	13864	Federal	GW	P
WRU EIH 14W-26-8-22	WRU EIH 14W-26-8-22	SESW	26	080S	220E	4304734835	12528	Federal	GW	S
WRU EIH 11MU-26-8-22	WRU EIH 11MU-26-8-22	NESW	26	080S	220E	4304734836	12528	Federal	GW	P
WRU EIH 10W-35-8-22	WRU EIH 10W-35-8-22	NWSE	35	080S	220E	4304735046	12528	Federal	GW	P
WRU EIH 9MU-26-8-22	WRU EIH 9MU-26-8-22	NESE	26	080S	220E	4304735047	14003	Federal	GW	P
WRU EIH 15MU-26-8-22	WRU EIH 15MU-26-8-22	SWSE	26	080S	220E	4304735048	12528	Federal	GW	P
WRU EIH 1MU-35-8-22	WRU EIH 1MU-35-8-22	NENE	35	080S	220E	4304735049	12528	Federal	GW	P
WRU EIH 9M-35-8-22	WRU EIH 9M-35-8-22	NESE	35	080S	220E	4304735050	12528	Federal	GW	P
WRU EIH 7MU-35-8-22	WRU EIH 7MU-35-8-22	SWNE	35	080S	220E	4304735051	12528	Federal	GW	P
WRU EIH 1MU-26-8-22	WRU EIH 1MU-26-8-22	NENE	26	080S	220E	4304735118	12528	Federal	GW	P
WRU EIH 7MU-26-8-22	WRU EIH 7MU-26-8-22	SENE	26	080S	220E	4304735119	12528	Federal	GW	P
WRU EIH 10MU-26-8-22	WRU EIH 10MU-26-8-22	NWSE	26	080S	220E	4304735120	12528	Federal	GW	P
WRU EIH 15MU-35-8-22	WRU EIH 15MU-35-8-22	SWSE	35	080S	220E	4304735121	12528	Federal	GW	P
WRU EIH 10ML-23-8-22	WRU EIH 10ML-23-8-22	NWSE	23	080S	220E	4304735187	12528	Federal	GW	P
SG 12MU-23-8-22	SG 12MU-23-8-22	NWSW	23	080S	220E	4304735188	12528	Federal	GW	P
WRU EIH 9ML-23-8-22	WRU EIH 9ML-23-8-22	NESE	23	080S	220E	4304735189	12528	Federal	GW	P
WRU EIH 16MU-26-8-22	WRU EIH 16MU-26-8-22	SESE	26	080S	220E	4304735191	12528	Federal	GW	P
WRU EIH 2MU-26-8-22	WRU EIH 2MU-26-8-22	NWNE	26	080S	220E	4304735192	12528	Federal	GW	P
WRU EIH 8MU-26-8-22	WRU EIH 8MU-26-8-22	SENE	26	080S	220E	4304735193	12528	Federal	GW	P
WRU EIH 16MU-35-8-22	WRU EIH 16MU-35-8-22	SESE	35	080S	220E	4304735194	12528	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WRU EIH 8MU-35-8-22	WRU EIH 8MU-35-8-22	SENE	35	080S	220E	4304735195	12528	Federal	GW	P
WRU EIH 13MU-25-8-22	WRU EIH 13MU-25-8-22	SWSW	25	080S	220E	4304735329	12528	Federal	GW	P
WRU EIH 15ML-23-8-22	WRU EIH 15ML-23-8-22	SWSE	23	080S	220E	4304735387	12528	Federal	GW	P
WRU EIH 4MU-25-8-22	WRU EIH 4MU-25-8-22	NWNW	25	080S	220E	4304735388	12528	Federal	GW	P
WRU EIH 3MU-25-8-22	EIH 3MU-25-8-22	NENW	25	080S	220E	4304735389	12528	Federal	GW	P
WRU EIH 12ML-24-8-22	WRU EIH 12ML-24-8-22	NWSW	24	080S	220E	4304735425	12528	Federal	GW	P
WRU EIH 14ML-24-8-22	WRU EIH 14ML-24-8-22	SESW	24	080S	220E	4304735426	12528	Federal	GW	P
WRU EIH 6MU-25-8-22	WRU EIH 6MU-25-8-22	SENW	25	080S	220E	4304735431	12528	Federal	GW	P
WRU EIH 5MU-25-8-22	WRU EIH 5MU-25-8-22	SWNW	25	080S	220E	4304735432	12528	Federal	GW	P
WRU EIH 12MU-25-8-22	WRU EIH 12MU-25-8-22	NWSW	25	080S	220E	4304735601	12528	Federal	GW	P
WRU EIH 14MU-35-8-22	WRU EIH 14MU-35-8-22	SESW	35	080S	220E	4304735667	12528	Federal	GW	P
WRU EIH 13ML-24-8-22	WRU EIH 13ML-24-8-22	SESW	24	080S	220E	4304735793	12528	Federal	GW	P
WRU EIH 16ML-23-8-22	WRU EIH 16ML-23-8-22	SWSE	23	080S	220E	4304735804	12528	Federal	GW	P
WRU EIH 11ML-24-8-22	WRU EIH 11ML-24-8-22	NWSW	24	080S	220E	4304735805	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-22	WRU EIH 6B-ML-35-8-22	SWNW	35	080S	220E	4304737299	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-20	WRU EIH 6B-ML-35-8-21	SWNW	35	080S	220E	4304737299	15281 12528	Federal	GW	S
WRU EIH 11BML-35-8-22	WRU EIH 11BML-35-8-22	NESW	35	080S	220E	4304737300	12528	Federal	GW	P
WRU EIH 3D-ML-35-8-22	WRU EIH 3D-ML-35-8-22	SENW	35	080S	220E	4304737465	12528	Federal	GW	P
WRU EIH 7D-ML-35-8-22	WRU EIH 7D-ML-35-8-22	SWNE	35	080S	220E	4304737466	12528	Federal	GW	P
WRU EIH 4AML-25-8-22	WRU EIH 4AD-25-8-22	NWNW	25	080S	220E	4304738636		Federal	GW	APD
WRU EIH 7AML-26-8-22	WRU EIH 7AD-26-8-22	SWNE	26	080S	220E	4304738637		Federal	GW	APD
WRU EIH 8DML-26-8-22	WRU EIH 8DML-26-8-22	SENE	26	080S	220E	4304738638		Federal	GW	APD
WRU EIH 9DML-26-8-22	WRU EIH 9DML-26-8-22	NESE	26	080S	220E	4304738639		Federal	GW	APD
WRU EIH 6DML-35-8-22	WRU EIH 6DD-35-8-22	SENW	35	080S	220E	4304738640		Federal	GW	APD
WRU EIH 7AD-35-8-22	WRU EIH 7AD-35-8-22	SWNE	35	080S	220E	4304738641		Federal	GW	APD
WRU EIH 13AML-35-8-22	WRU EIH 14BD-35-8-22	SWSW	35	080S	220E	4304738642		Federal	GW	APD
WRU EIH 2AML-35-8-22	WRU EIH 2AML-35-8-22	NWNE	35	080S	220E	4304738643		Federal	GW	APD
WRU EIH 3AD-35-8-22	WRU EIH 3AD-35-8-22	NENW	35	080S	220E	4304738644		Federal	GW	APD
WRU EIH 10AML-26-8-22	WRU EIH 10AML-26-8-22	NWSE	26	080S	220E	4304738647		Federal	GW	APD
WRU EIH 14AML-26-8-22	WRU EIH 14AML-26-8-22	SESW	26	080S	220E	4304738648		Federal	GW	APD
WRU EIH 9CML-26-8-22	WRU EIH 9CD-26-8-22	NESE	26	080S	220E	4304738649		Federal	GW	APD
WRU EIH 6BML-25-8-22	WRU EIH 6BML-25-8-22	SENW	25	080S	220E	4304738650		Federal	GW	APD
WRU EIH 15AG-35-8-22	WRU EIH 15AG-35-8-22	SWSE	35	080S	220E	4304738772		Federal	OW	APD
WRU EIH 15AML-35-8-22	WRU EIH 15AD-35-8-22	SWSE	35	080S	220E	4304738773		Federal	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached	8. WELL NAME and NUMBER: see attached
	9. API NUMBER: attached
	10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry	TITLE Supervisor, Regulatory Affairs
SIGNATURE	DATE 3/16/2007

(This space for State use only)

RECEIVED

APR 19 2007

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE

DATE 4/17/2007

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: White River Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the White River Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007.

In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the White River Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the White River Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - White River Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

TYPE OF WORK

DRILL ☒

DEEPEN ☐

TYPE OF WELL

☐

☒

☐

☒

☐

OIL WELL

GAS WELL

OTHER

SINGLE  
ZONE

MULTIPLE  
ZONE

2. NAME OF OPERATOR

QEP UINTA BASIN, INC.

Contact: Jan Nelson

E-Mail: jan.nelson@questar.com

3. ADDRESS

11002 E. 17500 S. Vernal, Ut 84078

Telephone number

Phone 435-781-4331 Fax 435-781-4323

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*)

At Surface

1409' FNL 1378' FEL SWNE SECTION 35 T8S R22E

At proposed production zone

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\*

33 +/- SOUTHEAST OF VERNAL, UTAH

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(also to nearest drig,unit line if any)

1378' +/-

16. NO. OF ACRES IN LEASE

640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL

20

18. DISTANCE FROM PROPOSED location to nearest well, drilling,  
completed, applied for, on this lease, ft

1000' +/-

19. PROPOSED DEPTH

9,975'

20. BLM/BIA Bond No. on file  
ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)

4913.8' GR

22. DATE WORK WILL START

ASAP

23. Estimated duration

14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan

3. A surface Use Plan ( if location is on National Forest System Lands,  
the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized officer.

SIGNED

*Jan Nelson*

Name (printed/typed) Jan Nelson

DATE 9-18-06

TITLE

Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*[Signature]*

TITLE

Assistant Field Manager  
Lands & Mineral Resources

\*See Instructions On Reverse Side

RECEIVED

FEB 07 2007

DEPT OF OIL, GAS & MINING DATE 2-1-2007

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and wilfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

CONDITIONS OF APPROVAL ATTACHED

SEP 20 2006

NOTICE OF APPROVAL CONFIDENTIAL

BLM VERNAL, UTAH 06LW1641A

NOS 8/17/06



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: QEP Uinta Basin, Inc.  
Well No: WRU EIH 7AML-35-8-22  
API No: 43-047-38641

Location: SWNE, Sec 35 T8S, R22E  
Lease No: UTU-01089  
Agreement: White River Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

Conditions for Approval are in the APD or SOP

- The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.

**General Surface COA**

**Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.**

### **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
- A formation integrity test shall be performed at the surface casing shoe.

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

Lease Serial No.

UTU-01089

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

WHITE RIVER UNIT

8. Well Name and No.

WRU EIH 7AML-35-8-22

9. API Well No.

43-047-38641

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Jim Davidson

3a. Address

1571 East 1700 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-308-3090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1409' FNL 1378' FEL SWNE SECTION 35, T8S, R22E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to drill this well to the Dakota formation. The proposed TD was 9,975' the new proposed TD will be 15,900'. Please refer to attached drilling plan.

QEP Uinta Basin, Inc. proposes to change the well name from ~~Approved by the~~ to WRU EIH 7AD-35-8-22.  
Utah Division of  
Oil, Gas and Mining

Date: 02-26-07

By: [Signature]

COPY SENT TO OPERATOR  
Date: 2-28-07  
Initials: RM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Signature

Title

Regulatory Affairs

Date

February 22, 2007

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**FEB 26 2007**

DIV. OF OIL, GAS & MINING

**! CONFIDENTIAL**

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,254'
Mahogeny	2,884'
Wasatch	5,254'
Mesaverde	7,714'
Sego	10,134'
Castlegate	10,287'
Blackhawk	10,631'
Mancos Shale	11,066'
Mancos B	11,482'
Frontier	14,129'
Dakota Silt	15,045'
Dakota	15,322'
Morrison	15,688'
TD	15,900'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	5,254'
Gas	Mesaverde	7,714'
Gas	Blackhawk	10,631'
Gas	Mancos Shale	11,066'
Gas	Mancos B	11,482'
Gas	Dakota	15,322'

## DRILLING PROGRAM

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

### 3. **Operator's Specification for Pressure Control Equipment:**

- A. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth. The choice of BOP stacks is based on the drilling contractors availability.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

## DRILLING PROGRAM

### 4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	Sfc	40-60'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	Sfc	700'	36	J-55	LTC	New
8-1/2"	7"	Sfc	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	11,100'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	15,800'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36 lb.	J-55	LTC	2,020 psi	3,520 psi	453,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

\* **Special Drift**

### MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125  
BURST: 1.10  
TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot  
Maximum anticipated mud weight: 15.4 ppg  
Maximum surface treating pressure: 12,500 psi

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500’ to TD  
GR-SP-Induction, Neutron Density, FMI

## DRILLING PROGRAM

- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

### 7. Cementing Program

#### **20" Conductor:**

Cement to surface with construction cement.

#### **9-5/8" Surface Casing: sfc – 700' (MD)**

**Slurry:** 0' – 700'. 365 sks (430 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl<sub>2</sub>  
Slurry wt: 15.6 ppg, slurry yield: 1.20 ft<sup>3</sup>/sk, slurry volume: 12-1/4" hole + 100% excess.

#### **7" Intermediate Casing: sfc - 11,100' (MD)**

**Foamed Lead Slurry 2:** 5,000' – 10,500'. 633 sks (1240 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesalant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry yield foamed: 1.96 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

**Tail Slurry:** 10,500' – 11,100'. 91 sks (135 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

#### **4-1/2" Production Casing: sfc - 15,900' (MD)**

**Lead/Tail Slurry:** 5,000 - 15,900'. 782 sks (1283 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

DRILLING PROGRAM

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

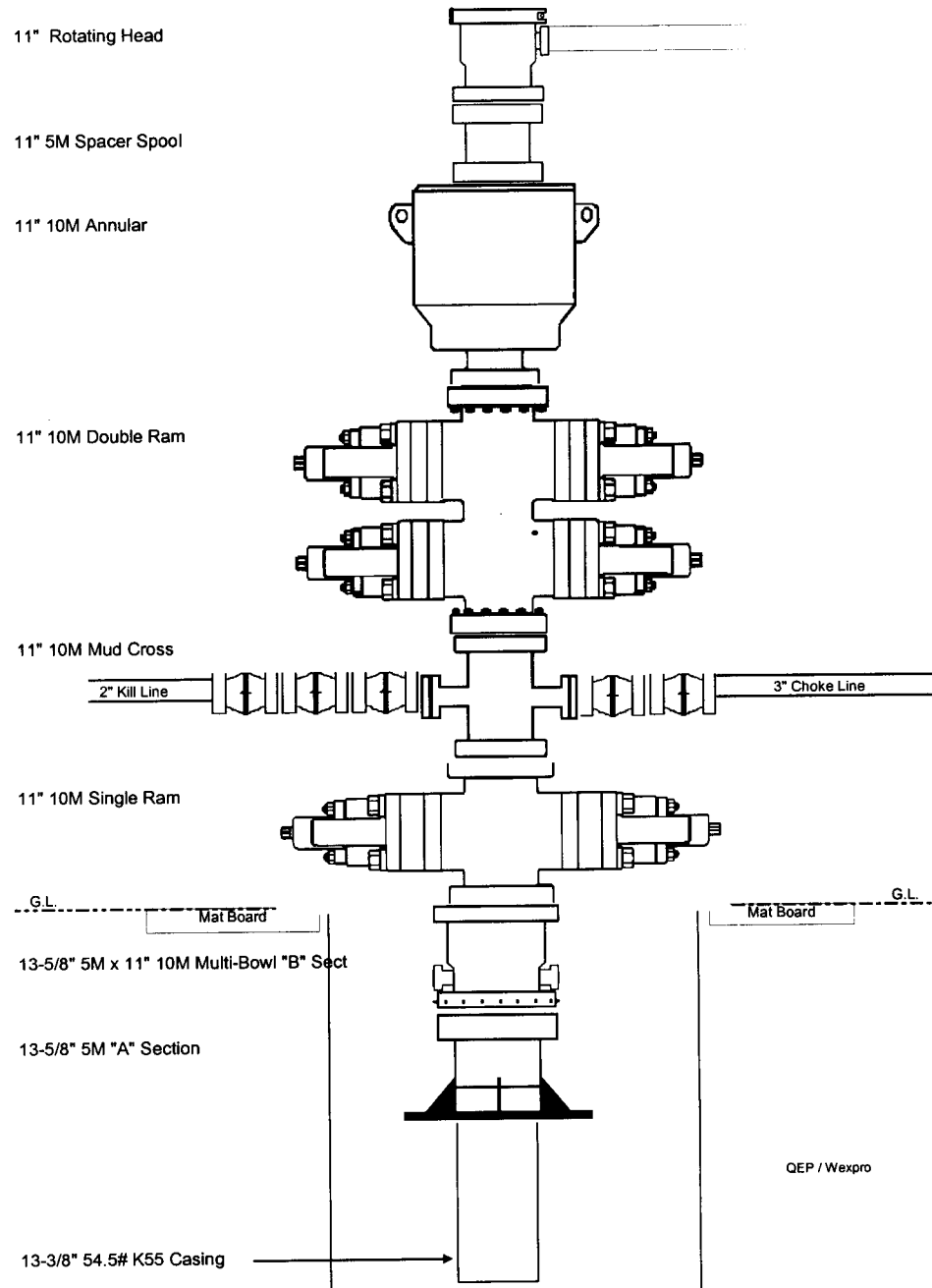
No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 9921 psi. Maximum anticipated bottom hole temperature is 305° F.

## DRILLING PROGRAM

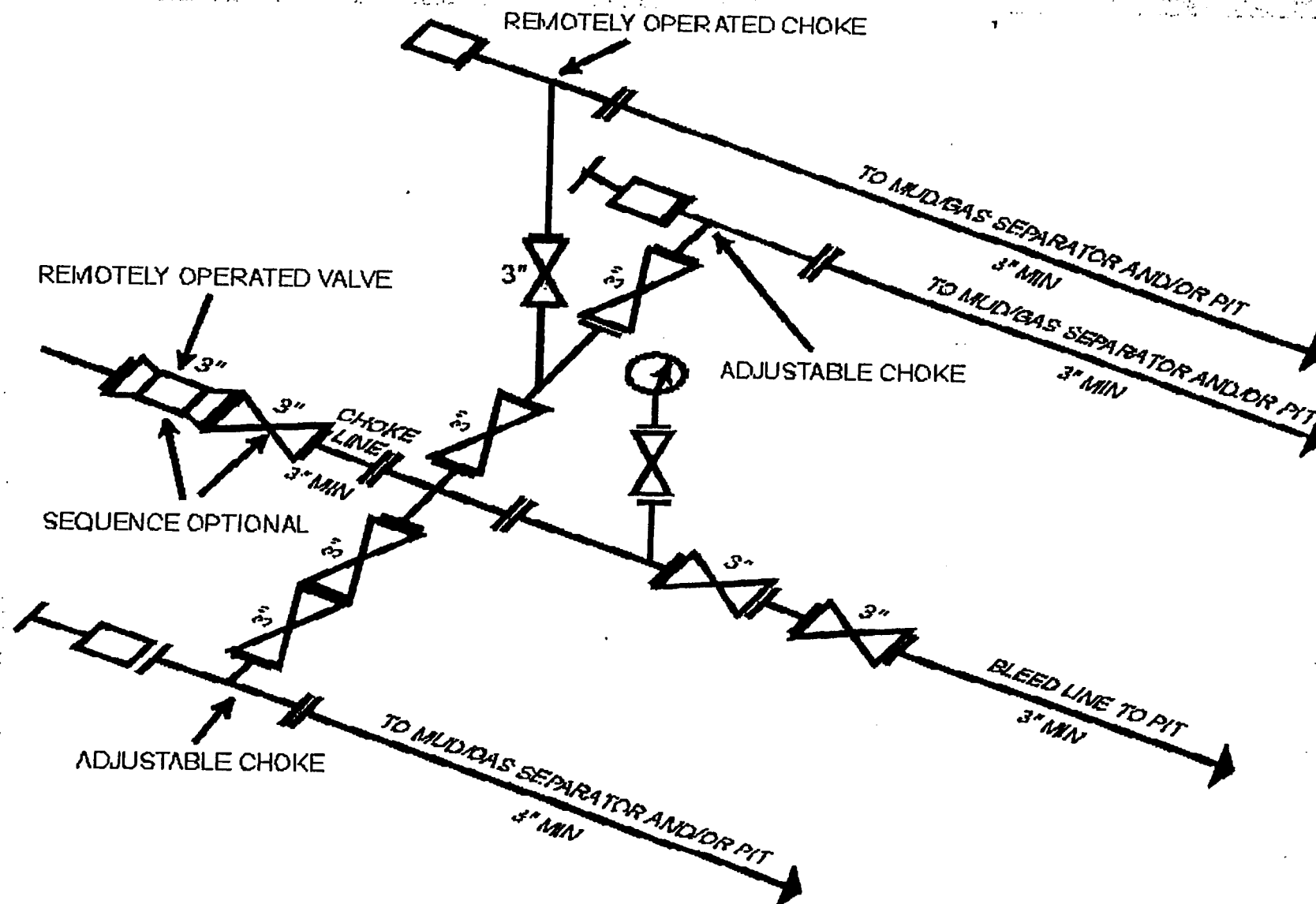
**Purpose:**

Either an 11" 10,000 psi stack or an 13-5/8" 10,000 psi stack will be used for well control in the slim hole environment.

**BOP Requirements:**



Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

UTU-01089

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

WHITE RIVER UNIT

8. Well Name and No.

WRU EIH 7AD-35-8-22

9. API Well No.

43-047-38641

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION, CO. JIM DAVIDSON

3a. Address

1571 East 1700 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-308-3090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1409' FNL 1378' FEL SWNE SECTION 35, T8S, R22E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar Exploration & Production, Co. proposes to change surface casing hole size, pipe size and setting depth from what was originally approved.

Please refer to revised drilling plan.

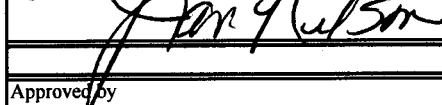
**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Signature



Title

Regulatory Affairs

Date

May 10, 2007

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**MAY 14 2007**

**CONFIDENTIAL**

**DIV. OF OIL, GAS & MINING**

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,254'
Mahogeny	2,884'
Wasatch	5,254'
Mesaverde	7,714'
Sego	10,134'
Castlegate	10,287'
Blackhawk	10,631'
Mancos Shale	11,066'
Mancos B	11,482'
Frontier	14,129'
Dakota Silt	15,045'
Dakota	15,322'
Morrison	15,688'
TD	15,900'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	5,254'
Gas	Mesaverde	7,714'
Gas	Blackhawk	10,631'
Gas	Mancos Shale	11,066'
Gas	Mancos B	11,482'
Gas	Dakota	15,322'

## DRILLING PROGRAM

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

### 3. **Operator's Specification for Pressure Control Equipment:**

- A. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth. The choice of BOP stacks is based on the drilling contractors availability.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. **Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	Sfc	40-60'	Steel	Cond.	None	Used
14-3/4"	10-3/4"	Sfc	1100'	40.5	J-55	STC	New
8-1/2"	7"	Sfc	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	11,100'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	15,800'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
10-3/4"	40.5 lb.	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

\* **Special Drift**

**MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

DRILLING PROGRAM

**5. Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

**6. Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated

DRILLING PROGRAM

- C. Logging – Mud logging – 4500' to TD  
GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

**20" Conductor:**

Cement to surface with construction cement.

**10-3/4" Surface Casing: sfc – 1100' (MD)**

**Slurry:** 0' – 1100'. 1020 sxs (1224 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl<sub>2</sub> Slurry wt: 15.6 ppg, slurry yield: 1.20 ft<sup>3</sup>/sx, slurry volume: 12-1/4" hole + 100% excess.

**7" Intermediate Casing: sfc - 11,100' (MD)**

**Foamed Lead Slurry 2:** 5,000' – 10,500'. 633 sks (1240 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry yield foamed: 1.96 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

**Tail Slurry:** 10,500' – 11,100'. 91 sks (135 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

**4-1/2" Production Casing: sfc - 15,900' (MD)**

**Lead/Tail Slurry:** 5,000 - 15,900'. 782 sks (1283 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

DRILLING PROGRAM

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 9921 psi. Maximum anticipated bottom hole temperature is 305° F.

ENTITY ACTION FORM - FORM 6

OPERATOR:  
ADDRESS:

Questar Exploration & Production, Co.

1571 East 1700 South

Vernal, Utah 84078-8526

OPERATOR ACCT. No. N-5085

(435)781-4342

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16180	43-047-38641	WRU EIH 7AD 35 8 22	SWNE	35	8S	22E	Uintah	6/8/2007	6/14/07

WELL 1 COMMENTS:

MR SN

CONFIDENTIAL

RECEIVED

JUN 13 2007

DIV. OF OIL, GAS & MINING

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

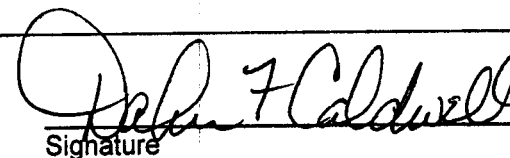
WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

  
Signature

Office Administrator II  
Title

6/8/07  
Date

Phone No. (435)781-4342

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.

CONFIDENTIAL

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION, CO.

3. Address and Telephone No.

1571 E. 1700 S. - VERNAL, UT 84078-8526

Contact: Dahn.Caldwell@questar.com  
435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1409' FNL, 1378' FEL, SWNE, SEC 35-T8S-R22E

5. Lease Designation and Serial No.

UTU-01089

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

WHITE RIVER UNIT

8. Well Name and No.

WRU EIH 7AD 35 8 22

9. API Well No.

43-047-38641

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SPUD  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 6/8/07 - Drilled 40' of 26" conductor hole. Set 20" conductor pipe. Cement w/ Ready Mix.

RECEIVED  
JUN 13 2007

CONFIDENTIAL

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed

Dahn F. Caldwell

Office Administrator II

Date

6/8/07

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

Questar E & P						Page 1 of 3
Operations Summary Report						
Well Name: WRU EIH 7AD-35-8-22					Spud Date:	
Location: 35- 8-S 22-E 26					Rig Release:	
Rig Name: ENSIGN					Rig Number: 24	
43-047-38641						
Date	From - To	Hours	Code	Sub Code	Description of Operations	
6/12/2007	06:00 - 17:00	11.00	DRL	1	MI RU BILL JR'S AIR RIG, DRILL 15" HOLE F/ SURFACE TO 1155'. PU & RUN 26 JTS OF 10 3/4 40.5# J-55 ST&C, LANDED @ 1120' RD & MO RIG. RU BIG 4 CEMENTERS & CEMENT SURFACE W/ 20 BBL OF GELLED WATER, 900 SX OF CLASS "G" W/ 2% CACL2 & 1/4 PPS FLOWSEAL. DROP PLUG & DISPLACE W/ 106 BBL OF WATER, DID NOT BUMP PLUG, FLOATS DID NOT HOLD, SHUT IN HEAD & WATCH CEMENT F/ 30 MIN, STAYED @ SURFACE, CIRC 46 BBL OF CEMENT TO PITS. RD BIG 4 CEMENTERS.	
	17:00 - 19:00	2.00	CSG	2		
	19:00 - 23:00	4.00	CMT	2		
6/17/2007	15:00 - 06:00	15.00	LOC	4	100% RIGGED DOWN & READY F/ TRUCKS TO MOVE TO WRU EIH 7AD-35-8-22	
6/18/2007	06:00 - 18:00	12.00	LOC	4	MOVED OUT BACK YARD, MUD TANKS, BAR HOPPERS, FUEL TANKS, 1/2 OF FLARE BOX, PUMP, & OTHER MISC EQUIP. 50% OFF LOCATION, DERRICK STILL ON SUB.	
6/19/2007	18:00 - 06:00	12.00	LOC	3	WO DAYLIGHT.	
	06:00 - 15:00	9.00		1	RDMO, 85% OFF LOCATION	
	15:00 - 20:00	5.00		BOP	ND BOP, NU TBG. SPOOL & TEST TO 7500 PSI F/ 15 MIN, W/ CAMERON, NU TREE ALSO, CALLED PRODUCTION TO INVITE THEM TO WITNESS ALL OF THIS BUT DECLINED, SIW W/100 PSI TO MOVE FLOW LINE TO THE OTHER SIDE OF THE "B" SECTION, SI F/ ABOUT AN HOUR, BACK SIDE PRESSURE 200 PSI WHEN W OPENED IT UP. SHOWING 1.1MMCFD ON SALES, AFTER 1 HOUR BACK TO 100 PSI & 550K TO SALES. LEFT WING VALVE ON THE RIGHT HAND SIDE W/ XXH 2" BULL PLUG, 1/2" 10K OFFSET NEEDLE VALVE & 5K GAUGE ON IT, VALVE IS CLOSED BUT LEAKING BY, NEEDLE VALVE ALSO LEAKING. TOLD CAMERON THEY WOULD HAVE TO CHANGE IT OUT.	
6/20/2007	20:00 - 06:00	10.00	LOC	3	SDFN.	
	07:00 - 17:00	10.00	LOC	3	CONTINUE MOVING OFF OF GB 1M 4-8-22R & RU ON WRU EIH 7AD 35-8-22, 95% OFF OLD LOCATION, 10% RIGGED UP ON NEW LOCATION. TRUCK DRIVERS ON LOCATION @ 07:00, MOVING IRON @ 07:30, SDFN @ 17:00.	
	00:00 -				PRODUCTION RIGGED DOWN FLOW TESTERS @ 15:00 TODAY, SICP @ 18:00 300 PSI, HAVE SEEN 4100 PSI WHILE WE WERE WORKING ON BOP TEST SO MAY NEED TO MONITOR PRESSURES, IT'S UP TO THEM.	
6/21/2007	07:00 - 17:00	10.00	LOC	3	50 % SET IN AND 10% RIGGED UP/SET NEW MUD TANKS (SHAKERS ON PITS), #2 PUMP, LIGHT PLANT, DIESEL TANKS, CHANGE HOUSE, PUT COMPOUND TOGETHER, STEAM CLEAN GAS BUSTER, (WORKING WITH 7 HANDS ON LOCATION AND 3 HANDS IN SHOP WORKING ON DRAW WORKS) DRAW WORKS HAD A SPUN JACK SHAFT(SHOULD HAVE NEW ONE TOMORROW FROM CASPER) PUT A NEW ROTARTY BEARING IN-- PUMP #1 JUST FINISHING UP WITH	
6/22/2007	17:00 - 07:00	14.00	OTH	3	SHUT DOWN UNTIL MORNING	
	07:00 - 19:00	12.00	LOC		60% SET IN, 15 % RIGGED UP--SET IN SHAKER LINE, READY AND SET IN MUD CLEANERS, READY TANKS FOR CENTERFUGES, BUILD SPOOL FOR CHOKE HOUSE AND SET CHOKE HOUSE, BUILD LINES FOR GAS BUSTER VENT (CLEAN DERRICK WITH HOT OILER)	
6/23/2007	19:00 - 07:00	12.00	OTH	3	SHUT DOWN UNTIL MORNING	
	07:00 - 19:00	12.00	LOC		60% SET IN, 15% RIGGED UP- SET CENTERFUGES, NEW PREMIX TANK AND RIG UP, PUT VENT LINE AND CHOKE LINE ON BUSTER AND SET IN GAS BUSTER/ PUT BLIND FLANGES ON T-BLOCKS, FLARE BOX, STARTED TO WIRE IN MUD TANKS, PAINTED ON DERRICK (FABRICATING CHOKE TO BUSTER MOST OF THE DAY)	
6/24/2007	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT	
	07:00 - 19:00	12.00	LOC		80% SET IN AND 25% RIGGED UP WELD ON LINES FROM BUSTER TO CHOKE HOUSE, SET OFF DRILLER DOG HOUSE ON FLOOR, PUT DERRICK TOGETHER AND PUT ON RIG FLOOR, WIRE IN MUD PITS (WELD ON ONE SUCTION LINE), PULLED OUT #2 PUMP CLUTCH PADS WORE (WAITING ON	

Printed: 7/2/2007 1:23:14 PM

RECEIVED

JUL 2 2007

DEPT. OF OIL, GAS & MINING

**Questar E & P**  
**Operations Summary Report**

Page 2 of 3

Well Name: WRU EIH 7AD-35-8-22  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date:  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/24/2007	07:00 - 19:00	12.00	LOC	4	DRAW TOOL, #1 MUD PUMP FROM SHOP, ALOT OF PLUMBING TO DO ON MUD TANKS), RECEIVED HIGH PRESSURE ROTATING HEAD SHUT DOWN FOR THE NIGHT
6/25/2007	19:00 - 07:00	12.00	OTH	4	100% SET IN 25% RIGGED UP FAB IN CHOKE HOUSE, GAS BUSTER RE-TURN LINE, SET IN DRAW-WORKS, PUMP, DOG HOUSE AND KOOMY HOUSE, FABING ON MUD TANKS, SET IN ROTATING HEAD, STRING UP DERRICK (ALOT OF WIRING LEFT ON THE MUD TANKS, STILL SOME WELDING ON THE MUD TANKS SUCTION LINE, LANDING, MISC.)
	07:00 - 13:00	6.00	LOC		
6/26/2007	13:00 - 19:00	6.00	LOC	1	WORKING ON MUD TANKS (ALOT OF WIRING LEFT ON THE MUD TANKS, STILL SOME WELDING ON THE MUD TANKS SUCTION LINE, LANDING, MISC.)
	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT 100% SET IN, 40% RIGGED UP, FIX AIR LEAKS ON DRAW-WORKS-ALOT OF CONSOLE HOSE LEAKING AND AIR BLOCK LEAKING (FIXED), WIRE MUD TANKS (STILL HAVE ABOUT 2 DAYS OF WIRING LEFT) STILL WORKING ON THE PLUMBING IN PITS, LAY OUT FLARE LINES, TOP DRIVE HAND RAN ALL CORDS THAT HE COULD, INSTALL 6" LINERS IN #2 PUMP, ON RIG DOWN TIME FOR FABRICATING ON PITS AND ELECTRIC, LOOK OVER DERRICK TO RAISE, STRING OUT LINES IN DERRICK
	07:00 - 19:00	12.00	LOC		
6/27/2007	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT 100% SET IN, 55% RIGGED UP, WILL BE CLOSE TO FINISHING WIRING PITS AND FABING TO DAY, INSTALL 6" LINERS IN #1 PUMP AND CLUTCH IN #2 PUMP, BLADDER IN #2 PUMP IS BAD (ORDERED NEW ONE), FIX QUIK LEASE ON HIGH DRUM CLUTCH, TIE DOWN DRAW WORKS, FABING ON MUD TANKS, GENERAL RIG UP- HOOKING UP OF KOOMY LINES, WATER RUNNING AROUND RIG, WIRE IN SHALE PIT, CUT OUT FLOW LINE TO FAB INTO BUSTER
	07:00 - 19:00	12.00	LOC		
6/28/2007	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT 70% RIGGED UP/ RAISE DERRICK @ NOON, PUT IN ORBIT VALVE, ROTARTY GAURD AND CHAIN, START WELDING IN FLOW LINE, SET IN MANIFOLD FOR BAR DISCHARGE AND WELD IN THREAD E-LET IN GUN LINE FOR BAR INPUT, PUT IN WATER LINE ON MUD TANKS, FAB SUCTION LINES FOR PITS TO PUMPS (ABOUT ONE MORE DAY, LEFT OF WIRING ON MUD TANKS, ALSO WELDING ON-- RIG REPAIR FOR THE LAST 3 1/2 DAYS (WIRING AND FABING ON MUD TANKS RUNNING 4 WELDERS AND TWO ELECTRICIIONS)
	07:00 - 19:00	12.00	LOC		
6/29/2007	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT UN BRIDLE, RIG UP ROTARY TOOLS, PICK UP NEW SWIVEL AND INSTALL SWIVEL PACKING, RIG UP BAR HOPPERS, FINISH WELDING IN FLOW LINE, INSTALL INTER COM SYSTEM FOR DERRICKMAN AND DRILLER COMMUNICATION, WELD ON TANKS EXHAUST HOLDERS, STILL WIRING (TESTED ROTATION OF PUMPS AND AGITATORS) TODAY ONLY ONE ELECTRICIION TODAY AND 2 1/2 WELDERS, RIGGED UP CHOKE CONTROLS (ZECO), SET IN PIPE 5" PIPE TUBS IN FRONT YARD
	07:00 - 19:00	12.00	LOC		
6/30/2007	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT RIG UP TOP DRIVE, READY PITS TO FILL (PLUMBING, CLEAN OUT), WORK ON YELLOW DOG, START CLEAN UP AROUND RIG, SET BHA ON RACKS, INSTALL MUFFLER BRACES AND EXTENTIONS, MARK ALL LINES IN PITS ON PLATES ON TOP OF GRATING, WIRE IN J-BOX FOR PASON, ---DRILLER IN TRAINING HAVE PROBLEM KEEPING HANDS LINED OUT ( WILL BREAK TOUR TODAY) CALLED BLM FOR TEST ON 6-30-07 @ NOON (ONLY GOT MESSAGE, LEFT A VOICE MAIL WITH RAY ARNOLD)
	07:00 - 19:00	12.00	LOC		
7/1/2007	19:00 - 07:00 06:00 - 11:30	12.00 5.50	OTH BOP	1	SHUT DOWN FOR THE NIGHT FILL MUD TANKS UP WITH WATER (FIX LEAKS IN PITS--FITINGS), PUT SET AVARIBLE RAMS IN LOWER SINGLE GATE, TORQUE BOPE CALLED BLM

Printed: 7/2/2007 1:23:14 PM

**Questar E & P**  
**Operations Summary Report**

Page 3 of 3

Well Name: WRU EIH 7AD-35-8-22  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date:  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2007	06:00 - 11:30	5.50	BOP	1	AGAIN @ 8:00 AM LEFT MESSAGE ON VOICE MAIL @ JAMEY SPARGER, RAY ARNOLD VOICE MAIL (NO RESPONSE)
	11:30 - 17:00	5.50	BOP	2	PRESSURE TEST BOPE 5,000 PSI TEST, (MUD CROSS LEAKING TIGHTENED UP) 250 LOW TEST 5 MIN 5000 HIGH 10 MIN. TEST LOWER, UPPER KELLY VALVE, TIW, DART, UPPER AND LOWER PIPES, BLIND HCR, CHOKE MANIFOLD 250 LOW TEST 5 MIN 3500 HIGH 10 MIN. TEST ANNULAU (BLM DID NOT OBSERVE TEST)
	17:00 - 17:30	0.50	OTH		PRESSURE TEST CASING FOR 30 MIN. 1500 PSI
	17:30 - 18:30	1.00	OTH		INSTALL WEAR BUSHING (TIGHTEN 4 PINS)
	18:30 - 06:00	11.50	RIG	2	PULL PUMP'S OUT OF HOPPER HOUSE TO SEE WHAT SIZE IMPELLER (11") IS ON PUMP HOPPER KEEPS SHUTTING DOWN (OVER HEATING--PULLING TO MAY AMPS 80) PUMPING JUST WATER NIGHT CREW ONLY HAS 3 HANDS THAT SHOWED UP TO WORK, WHILE WAITING FOR IMPELLERS AND MOTOR (CASPER) PRESSURE TEST MUD LINE SWIVEL PACKING LEAKING (PACKING IS THE OLD ONE OUT OF OLD CRACKED SWIVEL) AND FLANGE ON #1 PUMP, STRAIGHTEN UP LOCATION
7/2/2007	06:00 - 12:00	6.00	RIG	2	PUT IN NEW 50 HP MOTOR AND 10" IMPELLER IN HOPPER PUMPS, BUILD HI VIS PILL AND CIRCULATE THRU HOPPER AND WEIGHTED PILL (10.2) THRU HOPPER PULLING 34-35 AMPS MOTORS CAN HANDLE 50-60 AMPS
					GREASE RIG AND TOP DRIVE
	12:00 - 13:00	1.00	RIG	1	MAKE UP 8 3/4 BIT ON STABILIZED MOTOR
	13:00 - 14:00	1.00	TRP	1	REPAIR BROKEN CABLE ON MAKE UP SIDE, CHECKED TO SEE WHY DRAW TOOL WAS SO DOGGY, AFTER LOOKING OVER EQUIPMENT #2 AND #3
	14:00 - 22:00	8.00	RIG	2	MOTOR CLUTCH WASN'T KICKING IN, FOLLOWED LINES BACK TO AIR BLOCK, TOOK AIR BLOCK OFF- GASKET WAS IN BAD SHAPE-FELL APART, MADE A GASKET REPLACED WITH SAME, STILL DIDN'T WORK CORRECTLY WHEN KICK IN #3 MOTOR #1 PUMPCLUTCH WOULD KICK IN AND THE SAME WITH #2 PUMP AND #2 MOTOR, THOUGHT ROTO-SEAL WAS BAD SO REPLACED (NO GOOD), FOLLOW THE MESS OF LINES BACK AND FOUND THE LINES THAT WERE CROSSED
					PICK BHA TO DRILL OUT
	22:00 - 00:30	2.50	TRP	1	TAGGED CEMENT @ 1096 DRILL FLOAT EQUIPMENT AND 10' OF NEW FORMATION, CEMENT SOFT AND FLAKEY
	00:30 - 02:30	2.00	DRL	4	CIRCULATE UNTIL SHAKERS CLEARED UP FOR FIT TEST
	02:30 - 03:00	0.50	CIRC	1	FIT TEST WITH 8.4 MUD WEIGHT @ 1152 WITH 168 PSI = EQUIV TO 11.2 MUD WEIGHT
	03:00 - 03:30	0.50	EQT	2	DRILL FROM 1152 TO 1200 (ROP 96' HR.) WOB 8 HHRPM 100 GMP 388
	03:30 - 04:00	0.50	DRL	1	INSTALL ROTATING HEAD RUBBER
	04:00 - 04:30	0.50	OTH		DRILL FROM 1200 TO 1293 (ROP 62' HR) SAME PERAMETERS
	04:30 - 06:00	1.50	DRL	1	

Printed: 7/2/2007 1:23:14 PM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		<b>CONFIDENTIAL</b>
2. Name of Operator QUESTAR EXPLORATION AND PRODUCTION COMPANY		
3a. Address 1571 E 1700 S VERNAL UT 84078	3b. Phone No. (include area code) 303-308-3068	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Lat. 1409' FNL 1378' FEL Sec 35 T8S R22E Long.		

5. Lease Serial No. <b>UTU-01089</b>
6. If Indian, Allottee, or Tribe Name n/a
7. If Unit or CA. Agreement Name and/or No. WHITE RIVER UNIT
8. Well Name and No. <b>WRU EIH 7AD-35-8-22</b>
9. API Well No. <b>43-047-38641</b>
10. Field and Pool, or Exploratory Area <b>White River</b>
11. County or Parish, State <b>UINTAH UTAH</b>

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

QUESTAR EXPLORATION AND PRODUCTION COMPANY (QEP) REQUESTS AUTHORIZATION TO SIDETRACK THIS WELLBORE. WE BEGAN EXPERIENCING PROBLEMS IN THE WELLBORE JULY 8, 2007 AND BECAME STUCK JULY 9, 2007. CURRENT DRILLING DEPTH OF WELL IS 5532'.

QUESTAR PROPOSES TO SET A CEMENT PLUG FROM 4851' TO 5151' AND KICK OFF ABOVE THE PLUG AND CONTINUE OPERATIONS TO REACH THE BOTTOM HOLE OBJECTIVE. A WELLBORE DIAGRAM IS ATTACHED. QEP DESIRES TO BEGIN SETTING THE CEMENT PLUG THE EVENING OF JULY 10, 2007.

Please contact Debbie Stanberry at 303-308-3068 with questions or if you need additional information.

**RECEIVED**  
**JUL 12 2007**

**DIV. OF OIL, GAS & MINING**

**COPY SENT TO OPERATOR**  
Date: 7/26/07  
Initials: CHD

14. I hereby certify that the foregoing is true and correct.

Name (Printed Typed)

Debra K. Stanberry

Title

Supervisor, Regulatory Affairs

Signature

Date

July 10, 2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

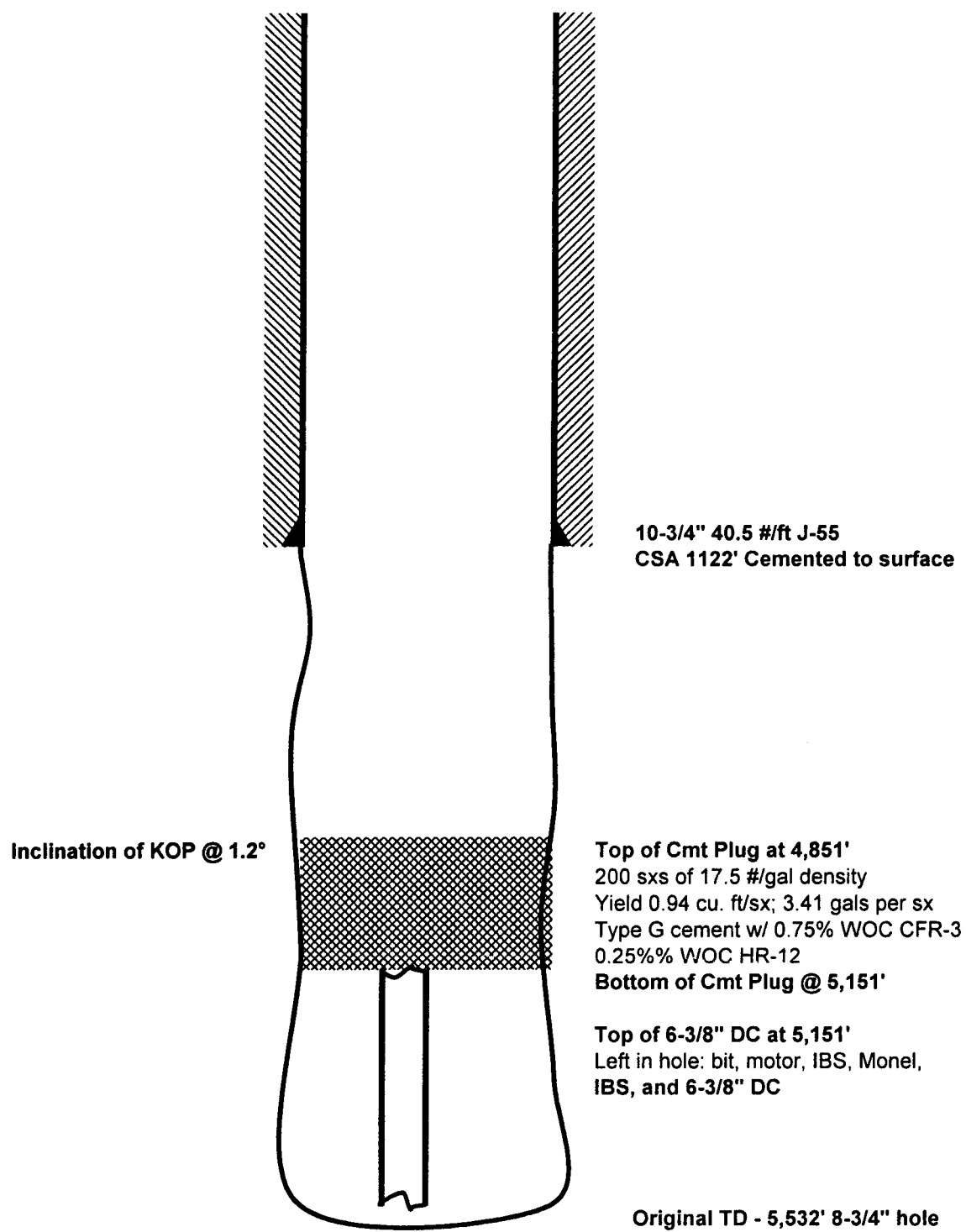
(Instructions on page 2)

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

**Federal Approval Of This**  
**Action Is Necessary**

**7/23/07**  
**By: [Signature]**

**WRU EIH 7AD-35-8-22**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator QUESTAR EXPLORATION AND PRODUCTION COMPANY	
3a. Address 1571 E 1700 S VERNAL UT 84078	3b. Phone No. (include area code) 303-308-3068
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NE 1409' 1378' 35 T8S R22E Long. FNL FEL	

5. Lease Serial No. UTU 01089
6. If Indian, Allottee, or Tribe Name n/a
7. If Unit or CA. Agreement Name and/or No. White River Unit
8. Well Name and No. WRU EIH 7AD-35-8-22
9. API Well No. 43-047-38641
10. Field and Pool, or Exploratory Area White River
11. County or Parish, State UINTAH UTAH

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QUESTAR EXPLORATION AND PRODUCTION COMPANY (QEP) REQUESTS PERMISSION TO MODIFY OUR APPROVED SETTING POINT FOR INTERMEDIATE 7" CASING IN THIS WELL. THE MUD WEIGHT IN THE HOLE IS ALREADY 10.5 AND AND THERE IS CONCERN WITH PENETRATING A ZONE OF HIGHER PRESSURE. THE WELLBORE IS CURRENTLY STABLE AT 10,498' AS OF 6 AM 8/7/07. INCREASED MUD WEIGHT FOR DEEPER DRILLING IS NOT ADVISED DUE TO PROBABLE LOST CIRCULATION. QEP PROPOSES TO SET INTERMEDIATE CASING APPROXIMATELY 502' UPHOLE THAN ORIGINALLY APPROVED IN OUR SUNDRY (APPROVED 5/10/07 ICP 11,100). QEP PROPOSES TO SET 7" INTERMEDIATE CASING AT 10,598'.

APPROVED  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action Is Necessary

RECEIVED  
AUG 08 2007

Please contact Debbie Stanberry at 303-308-3068 with questions or if you need additional information.

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Debra K. Stanberry

Title

Regulatory Affairs Supervisor

Signature

Date

August 7, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

COPY SENT TO OPERATOR

Date

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

CONFIDENTIAL

Questar E & P					Page 1 of 16
Operations Summary Report					
Well Name: WRU EIH 7AD-35-8-22 ST1				Spud Date: 6/11/2007	
Location: 35- 8-S 22-E 26				Rig Release:	
Rig Name: ENSIGN				Rig Number: 24	
43-047-38641					
Date	From - To	Hours	Code	Sub Code	Description of Operations
6/12/2007	06:00 - 17:00 17:00 - 19:00 19:00 - 23:00	11.00 2.00 4.00	DRL CSG CMT	1 2 2	MI RU BILL JR'S AIR RIG, DRILL 15" HOLE F/ SURFACE TO 1155'. PU & RUN 26 JTS OF 10 3/4 40.5# J-55 ST&C, LANDED @ 1120' RD & MO RIG. RU BIG 4 CEMENTERS & CEMENT SURFACE W/ 20 BBL OF GELLED WATER, 900 SX OF CLASS "G" W/ 2% CACL2 & 1/4 PPS FLOWSEAL. DROP PLUG & DISPLACE W/ 106 BBL OF WATER, DID NOT BUMP PLUG, FLOATS DID NOT HOLD, SHUT IN HEAD & WATCH CEMENT F/ 30 MIN, STAYED @ SURFACE, CIRC 46 BBL OF CEMENT TO PITS. RD BIG 4 CEMENTERS.
6/17/2007	15:00 - 06:00	15.00	LOC	4	100% RIGGED DOWN & READY F/ TRUCKS TO MOVE TO WRU EIH 7AD-35-8-22
6/18/2007	06:00 - 18:00	12.00	LOC	4	MOVED OUT BACK YARD, MUD TANKS, BAR HOPPERS, FUEL TANKS, 1/2 OF FLARE BOX, PUMP, & OTHER MISC EQUIP. 50% OFF LOCATION, DERRICK STILL ON SUB.
6/19/2007	18:00 - 06:00 06:00 - 15:00 15:00 - 20:00	12.00 9.00 5.00	LOC LOC BOP	3 1	WO DAYLIGHT. RDMO, 85% OFF LOCATION ND BOP, NU TBG. SPOOL & TEST TO 7500 PSI F/ 15 MIN, W/ CAMERON, NU TREE ALSO, CALLED PRODUCTION TO INVITE THEM TO WITNESS ALL OF THIS BUT DECLINED, SIW W/100 PSI TO MOVE FLOW LINE TO THE OTHER SIDE OF THE "B" SECTION, SI F/ ABOUT AN HOUR, BACK SIDE PRESSURE 200 PSI WHEN W OPENED IT UP. SHOWING 1.1MMCFD ON SALES. AFTER 1 HOUR BACK TO 100 PSI & 550K TO SALES. LEFT WING VALVE ON THE RIGHT HAND SIDE W/ XXH 2" BULL PLUG, 1/2" 10K OFFSET NEEDLE VALVE & 5K GAUGE ON IT, VALVE IS CLOSED BUT LEAKING BY, NEEDLE VALVE ALSO LEAKING. TOLD CAMERON THEY WOULD HAVE TO CHANGE IT OUT.
6/20/2007	20:00 - 06:00 07:00 - 17:00 00:00 -	10.00 10.00	LOC LOC	3 3	SDFN. CONTINUE MOVING OFF OF GB 1M 4-8-22R & RU ON WRU EIH 7AD 35-8-22, 95% OFF OLD LOCATION, 10% RIGGED UP ON NEW LOCATION. TRUCK DRIVERS ON LOCATION @ 07:00, MOVING IRON @ 07:30, SDFN @ 17:00. PRODUCTION RIGGED DOWN FLOW TESTERS @ 15:00 TODAY, SICP @ 18:00 300 PSI, HAVE SEEN 4100 PSI WHILE WE WERE WORKING ON BOP TEST SO MAY NEED TO MONITOR PRESSURES, IT'S UP TO THEM.
6/21/2007	07:00 - 17:00	10.00	LOC	3	50 % SET IN AND 10% RIGGED UP/SET NEW MUD TANKS (SHAKERS ON PITS), #2 PUMP, LIGHT PLANT, DIESEL TANKS, CHANGE HOUSE, PUT COMPOUND TOGETHER, STEAM CLEAN GAS BUSTER, (WORKING WITH 7 HANDS ON LOCATION AND 3 HANDS IN SHOP WORKING ON DRAW WORKS) DRAW WORKS HAD A SPUN JACK SHAFT(SHOULD HAVE NEW ONE TOMORROW FROM CASPER) PUT A NEW ROTARTY BEARING IN-- PUMP #1 JUST FINISHING UP WITH
6/22/2007	17:00 - 07:00 07:00 - 19:00	14.00 12.00	OTH LOC	3	SHUT DOWN UNTIL MORNING 60% SET IN, 15 % RIGGED UP--SET IN SHAKER LINE, READY AND SET IN MUD CLEANERS, READY TANKS FOR CENTERFUGES, BUILD SPOOL FOR CHOKE HOUSE AND SET CHOKE HOUSE, BUILD LINES FOR GAS BUSTER VENT (CLEAN DERRICK WITH HOT OILER)
6/23/2007	19:00 - 07:00 07:00 - 19:00	12.00 12.00	OTH LOC	3	SHUT DOWN UNTIL MORNING 60% SET IN, 15% RIGGED UP- SET CENTERFUGES, NEW PREMIX TANK AND RIG UP, PUT VENT LINE AND CHOKE LINE ON BUSTER AND SET IN GAS BUSTER/ PUT BLIND FLANGES ON T-BLOCKS, FLARE BOX, STARTED TO WIRE IN MUD TANKS, PAINTED ON DERRICK (FABRICATING CHOKE TO BUSTER MOST OF THE DAY)
6/24/2007	19:00 - 07:00 07:00 - 19:00	12.00 12.00	OTH LOC	4	SHUT DOWN FOR THE NIGHT 80% SET IN AND 25% RIGGED UP WELD ON LINES FROM BUSTER TO CHOKE HOUSE, SET OFF DRILLER DOG HOUSE ON FLOOR, PUT DERRICK TOGETHER AND PUT ON RIG FLOOR, WIRE IN MUD PITS (WELD ON ONE SUCTION LINE), PULLED OUT #2 PUMP CLUTCH PADS WORE (WAITING ON

Printed: 9/4/2007 2:08:24 PM

RECEIVED

SEP 04 2007

DIV. OF OIL, GAS &amp; MINING

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/24/2007	07:00 - 19:00	12.00	LOC	4	DRAW TOOL, #1 MUD PUMP FROM SHOP, ALOT OF PLUMBING TO DO ON MUD TANKS), RECEIVED HIGH PRESSURE ROTATING HEAD
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/25/2007	07:00 - 13:00	6.00	LOC	4	100% SET IN 25% RIGGED UP FAB IN CHOKE HOUSE, GAS BUSTER RE-TURN LINE, SET IN DRAW-WORKS, PUMP, DOG HOUSE AND KOOMY HOUSE, FABING ON MUD TANKS, SET IN ROTATING HEAD, STRING UP DERRICK (ALOT OF WIRING LEFT ON THE MUD TANKS, STILL SOME WELDING ON THE MUD TANKS SUCTION LINE, LANDING, MISC.)
	13:00 - 19:00	6.00	LOC	1	WORKING ON MUD TANKS (ALOT OF WIRING LEFT ON THE MUD TANKS, STILL SOME WELDING ON THE MUD TANKS SUCTION LINE, LANDING, MISC.)
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/26/2007	07:00 - 19:00	12.00	LOC	4	100% SET IN, 40% RIGGED UP, FIX AIR LEAKS ON DRAW-WORKS-ALOT OF CONSOLE HOSE LEAKING AND AIR BLOCK LEAKING (FIXED), WIRE MUD TANKS (STILL HAVE ABOUT 2 DAYS OF WIRING LEFT) STILL WORKING ON THE PLUMBING IN PITS, LAY OUT FLARE LINES, TOP DRIVE HAND RAN ALL CORDS THAT HE COULD, INSTALL 6" LINERS IN #2 PUMP, ON RIG DOWN TIME FOR FABRICATING ON PITS AND ELECTRIC, LOOK OVER DERRICK TO RAISE, STRING OUT LINES IN DERRICK
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/27/2007	07:00 - 19:00	12.00	LOC	4	100% SET IN, 55% RIGGED UP, WILL BE CLOSE TO FINISHING WIRING PITS AND FABING TO DAY, INSTALL 6" LINERS IN #1 PUMP AND CLUTCH IN #2 PUMP, BLADDER IN #2 PUMP IS BAD (ORDERED NEW ONE), FIX QUIK LEASE ON HIGH DRUM CLUTCH, TIE DOWN DRAW WORKS, FABING ON MUD TANKS, GENERAL RIG UP- HOOKING UP OF KOOMY LINES, WATER RUNNING AROUND RIG, WIRE IN SHALE PIT, CUT OUT FLOW LINE TO FAB INTO BUSTER
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/28/2007	07:00 - 19:00	12.00	LOC	4	70% RIGGED UP/ RAISE DERRICK @ NOON, PUT IN ORBIT VALVE, ROTARTY GAURD AND CHAIN, START WELDING IN FLOW LINE, SET IN MANIFOLD FOR BAR DISCHARGE AND WELD IN THREAD E-LET IN GUN LINE FOR BAR INPUT, PUT IN WATER LINE ON MUD TANKS, FAB SUCTION LINES FOR PITS TO PUMPS (ABOUT ONE MORE DAY, LEFT OF WIRING ON MUD TANKS, ALSO WELDING ON--- RIG REPAIR FOR THE LAST 3 1/2 DAYS (WIRING AND FABING ON MUD TANKS RUNNING 4 WELDERS AND TWO ELECTRICITONS)
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/29/2007	07:00 - 19:00	12.00	LOC	4	UN BRIDLE, RIG UP ROTARY TOOLS, PICK UP NEW SWIVEL AND INSTALL SWIVEL PACKING, RIG UP BAR HOPPERS, FINISH WELDING IN FLOW LINE, INSTALL INTER COM SYSTEM FOR DERRICKMAN AND DRILLER COMMUNICATION, WELD ON TANKS EXHAUST HOLDERS, STILL WIRING (TESTED ROTATION OF PUMPS AND AGITATORS) TODAY ONLY ONE ELECTRICITION TODAY AND 2 1/2 WELDERS, RIGGED UP CHOKE CONTROLS (ZECO), SET IN PIPE 5" PIPE TUBS IN FRONT YARD
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/30/2007	07:00 - 19:00	12.00	LOC	4	RIG UP TOP DRIVE, READY PITS TO FILL (PLUMBING, CLEAN OUT), WORK ON YELLOW DOG, START CLEAN UP AROUND RIG, SET BHA ON RACKS, INSTALL MUFFLER BRACES AND EXTENTIONS, MARK ALL LINES IN PITS ON PLATES ON TOP OF GRATING, WIRE IN J-BOX FOR PASON,----DRILLER IN TRAINING HAVE PROBLEM KEEPING HANDS LINED OUT ( WILL BREAK TOUR TODAY) CALLED BLM FOR TEST ON 6-30-07 @ NOON (ONLY GOT MESSAGE, LEFT A VOICE MAIL WITH RAY ARNOLD)
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
7/1/2007	06:00 - 11:30	5.50	BOP	1	FILL MUD TANKS UP WITH WATER (FIX LEAKS IN PITS--FITINGS), PUT SET AVARIBLE RAMS IN LOWER SINGLE GATE, TORQUE BOPE CALLED BLM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2007	06:00 - 11:30	5.50	BOP	1	AGAIN @ 8:00 AM LEFT MESSAGE ON VOICE MAIL @ JAMEY SPARGER, RAY ARNOLD VOICE MAIL (NO RESPONSE)
	11:30 - 17:00	5.50	BOP	2	PRESSURE TEST BOPE 5,000 PSI TEST, (MUD CROSS LEAKING TIGHTENED UP) 250 LOW TEST 5 MIN 5000 HIGH 10 MIN. TEST LOWER, UPPER KELLY VALVE, TIW, DART, UPPER AND LOWER PIPES, BLIND HCR, CHOKE MANIFOLD 250 LOW TEST 5 MIN 3500 HIGH 10 MIN. TEST ANNULAU (BLM DID NOT OBSERVE TEST)
	17:00 - 17:30	0.50	OTH		PRESSURE TEST CASING FOR 30 MIN. 1500 PSI
	17:30 - 18:30	1.00	OTH		INSTALL WEAR BUSHING (TIGHTEN 4 PINS)
	18:30 - 06:00	11.50	RIG	2	PULL PUMP'S OUT OF HOPPER HOUSE TO SEE WHAT SIZE IMPELLER (11") IS ON PUMP HOPPER KEEPS SHUTTING DOWN (OVER HEATING--PULLING TO MAY AMPS 80) PUMPING JUST WATER NIGHT CREW ONLY HAS 3 HANDS THAT SHOWED UP TO WORK, WHILE WAITING FOR IMPELLERS AND MOTOR (CASPER) PRESSURE TEST MUD LINE SWIVEL PACKING LEAKING (PACKING IS THE OLD ONE OUT OF OLD CRACKED SWIVEL) AND FLANGE ON #1 PUMP, STRAIGHTEN UP LOCATION
7/2/2007	06:00 - 12:00	6.00	RIG	2	PUT IN NEW 50 HP MOTOR AND 10" IMPELLER IN HOPPER PUMPS, BUILD HI VIS PILL AND CIRCULATE THRU HOPPER AND WEIGHTED PILL (10.2) THRU HOPPER PULLING 34-35 AMPS MOTORS CAN HANDLE 50-60 AMPS
	12:00 - 13:00	1.00	RIG	1	GREASE RIG AND TOP DRIVE
	13:00 - 14:00	1.00	TRP	1	MAKE UP 8 3/4 BIT ON STABILIZED MOTOR
	14:00 - 22:00	8.00	RIG	2	REPAIR BROKEN CABLE ON MAKE UP SIDE, CHECKED TO SEE WHY DRAW TOOL WAS SO DOGGY, AFTER LOOKING OVER EQUIPMENT #2 AND #3 MOTOR CLUTCH WASN'T KICKING IN, FOLLOWED LINES BACK TO AIR BLOCK, TOOK AIR BLOCK OFF- GASKET WAS IN BAD SHAPE-FELL APART, MADE A GASKET REPLACED WITH SAME, STILL DIDN'T WORK CORRECTLY WHEN KICK IN #3 MOTOR #1 PUMPCLUTCH WOULD KICK IN AND THE SAME WITH #2 PUMP AND #2 MOTOR, THOUGHT ROTO-SEAL WAS BAD SO REPLACED (NO GOOD), FOLLOW THE MESS OF LINES BACK AND FOUND THE LINES THAT WERE CROSSED
	22:00 - 00:30	2.50	TRP	1	PICK BHA TO DRILL OUT
	00:30 - 02:30	2.00	DRL	4	TAGGED CEMENT @ 1096 DRILL FLOAT EQUIPMENT AND 10' OF NEW FORMATION, CEMENT SOFT AND FLAKEY
	02:30 - 03:00	0.50	CIRC	1	CIRCULATE UNTIL SHAKERS CLEARED UP FOR FIT TEST
	03:00 - 03:30	0.50	EQT	2	FIT TEST WITH 8.4 MUD WEIGHT @ 1152 WITH 168 PSI = EQUIV TO 11.2 MUD WEIGHT
	03:30 - 04:00	0.50	DRL	1	DRILL FROM 1152 TO 1200 (ROP 96' HR.) WOB 8 HHRPM 100 GMP 388
	04:00 - 04:30	0.50	OTH		INSTALL ROTATING HEAD RUBBER
7/3/2007	04:30 - 06:00	1.50	DRL	1	DRILL FROM 1200 TO 1293 (ROP 62' HR) SAME PERAMETERS
	06:00 - 10:00	4.00	DRL	1	DRILL FROM 1,293 TO 1,576 (ROP 70.75 FT HR) WOB 8-10, DHRPM 110, GPM 384
	10:00 - 10:30	0.50	SUR	1	SURVEY @ 1481 .6 DEG, AZ 191.7
	10:30 - 15:00	4.50	DRL	1	DRILL FROM 1,576 TO 1,859 (ROP 62.8 FT HR.) SAME PERAMETERS
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE FUNTION PIPE RAMS/ CHANGED OIL IN #1 LIGHT PLANT (#2 LIGHT PLANT NOT RUNNING PROPER)
	16:00 - 19:00	3.00	DRL	1	DRILL FROM 1,859 TO 2,048 (ROP 63 FT HR.) SAME PERAMETERS
	19:00 - 19:30	0.50	SUR	1	SURVEY @ 1953 .5 DEG, 192.6 AZ.
	19:30 - 03:30	8.00	DRL	1	DRILL FROM 2,048 TO 2615 (ROP 71 FT HR.)
	03:30 - 04:00	0.50	SUR	1	SURVEY @ 2525 .4 DEG, 161 AZ.
	04:00 - 06:00	2.00	DRL	1	DRILL FROM 2615 TO 2750 (ROP 47 FT HR.)
7/4/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 2,750 TO 3,178 (ROP 77.8 FT HR.) WOB 10-15 ROT-60 GPM-387 DHRPM-110
	11:30 - 12:00	0.50	SUR	1	SURVEY AT 3107 .9 DEG 175.7 AZ

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/4/2007	12:00 - 13:30	1.50	DRL	1	DRILL FROM 3,178 TO 3,273 (ROP 63 FT HR.) SAME PERAMETERS
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:30 - 20:30	6.00	DRL	1	DRILL FROM 3,273 TO 3,649--- @3410 CONNECTION HAD 1/4 INCH TRONA WATER FLOW ON CONECTION (ROP 63 FT HR)
7/5/2007	20:30 - 21:00	0.50	SUR	1	SURVEY AT 3581 1.2 DEG 157.3 AZ
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 3,649 TO 4,212 (ROP 63 FT HR.) SAME PERAMETERS
	06:00 - 06:30	0.50	SUR	1	WIRELINE SURVEY @ 4140', MIS RUN, TOOL DIDN'T RESET
	06:30 - 08:30	2.00	DRL	1	DRILL 4212' - 4307', 95', 47/5 FPH, WOB 10K, RPM 109, 60 ON SURFACE, 509 DOWN HOLE, 384 GPM.
	08:30 - 09:00	0.50	SUR	1	WIRELINE SURVEY @ 4302', MIS RUN, TOOL DIDN'T RESET SAME AS LAST TIME, DRILLER NOT GIVING TOOL ENOUGH TIME TO CLEAR.
	09:00 - 10:30	1.50	DRL	1	DRILL 4307' - 4401', 94', 62.66 FPH, SAME PARAMETERS
	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, REPLACE CROWN WIRE ON PASON, FUNCTION LOWER PIPE RAMS.
	11:30 - 14:30	3.00	DRL	1	DRILL 4401' - 4587', 186', 62 FPH, SAME PARAMETERS
	14:30 - 15:00	0.50	SUR	1	WIRELINE SURVEY @ 4522' 1.2 DEG, 169.2 AZ. GOOD SURVEY
	15:00 - 03:00	12.00	DRL	1	DRILL 4587' - 5155', 568', 47.33 FPR, SAME PARAMETERS
7/6/2007	03:00 - 03:30	0.50	SUR	1	WIRELINE SURVEY @ 5090' 1.3 DEG., 169.3 AZ.
	03:30 - 06:00	2.50	DRL	1	DRILL 5155' - 5233', 78', 31.2 FPH, SAME PARAMETERS
	06:00 - 13:00	7.00	DRL	1	DRILL 5255' - 5532', 277', 39.5FPH, 15K WOB, RPM 110, 49 RPM DOWN HOLE, 384 GPM
	13:00 - 14:00	1.00	CIRC	1	PUMP HIGH VIS SWEEP & CIRC OUT OF HOLE
	14:00 - 14:30	0.50	SUR	1	DROP SURVEY @ 5467', PUMP PILL
	14:30 - 18:00	3.50	TRP	10	TOH W/ BIT #1
	18:00 - 18:30	0.50	TRP	10	MU BIT, RETRIEVE SURVEY, 5467', 1.3, 157.2
	18:30 - 22:30	4.00	RIG	2	REPAIR TOP DRIVE, HOSES WALKING IN SADDLE
	22:30 - 01:00	2.50	TRP	10	TIH, TO 5437'
	01:00 - 03:30	2.50	FISH	6	FILL PIPE, TRY TO CIRC, PACKED OFF/ BIT PLUGGED, WORK TIGHT HOLE & JAR OUT 10'
7/7/2007	03:30 - 06:00	2.50	TRP	2	TOH F/ PLUGGED BIT & MOTOR
	06:00 - 07:00	1.00	TRP	2	FINISH TOH F/ PLUGGED BIT. PLUGGED ON TOP OF FLOAT IN MOTOR, IBS, 7 10' OF THE MONEL.
	07:00 - 07:30	0.50	OTH		UNPLUG IBS & MONEL.
	07:30 - 20:00	12.50	RIG	2	FUNCTIONED TOP PIPE RAMS, LOST ALL OF OUR FLUID IN KOOMY, CHECKED IT OUT AND FOUND INSIDE RAM SEAL LEAKING INTO STACK. LOOKING FOR A RENTAL STACK. NO NEW STACK ANY WHERE. OPENED DOORS, VBR'S APPEARED TO HAVE BEEN PULLED THROUGH, PACKER RUBBERS TORN UP & SOME OF THE STEEL FIGERS WERE BROKEN. WILL INSTALL ENSIGN'S 5' RAM BLOCKS UNTIL WE CAN GET MORE VBR'S.
	20:00 - 01:30	5.50	RIG	2	ORDERED FORM KNIGHT 7/6/07 @ 15:00. TOOL PUSHER CHECKED N2 BOTTLES, ALL BUT 3 CHECKED 1K OR BETTER, THE 3 WERE 600, 950, & 950 REPLACE RAM SEAL ON DRILLERS SIDE OF STACK ON UPPER PIPE RAMS, CHECK OUT KOOMY, REPLACE POP OFF. PULL WEAR BUSHING, RU IPS TESTERS & TEST UPPER PIPES TO 250/5 MIN, & 5K F/ 10 MIN. RD TESTER, REPLACE WEAR BUSHING.
7/8/2007	01:30 - 06:00	4.50	TRP	2	PU NEW BIT & MOTOR, TIH FILLING PIPE @ BHA, AND EACH ROW CLEARING BIT EACH TIME.
	06:00 - 07:00	1.00	TRP	10	TIH TO 5062', FILLING PIPE AND CLEARING BIT @ BHA & EACH ROW
	07:00 - 07:30	0.50	REAM	1	5062' - 5376'.
	07:30 - 03:00	19.50	FISH	3	MADE CONNECTION @ 5376', FILLED PIPE & PACKED OFF AS SOON AS PUMP PRESSURED UP, WORK PIPE, JAR OUT 1 JOINT, LD 1 JOINT, JAR OUT ANOTHER JOINT, LD 2 JOINTS, JAR OUT 1 & 3/4 OF ANOTHER JOINT. PULLING 200K OVER THE TOOL JOINT IS AT THE FLOOR. MADE 10" SINCE

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35-8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/8/2007	07:30 - 03:00 03:00 - 05:00	19.50 2.00	FISH OTH	3	21:00 LAST NIGHT. INSPECT DERRICK PINS & TOP DRIVE, PINS AND KEEPERS FALLING OUT OF DERRICK ALONG W/ INTERCOM FROM BOARD.
7/9/2007	05:00 - 06:00 06:00 - 09:30 09:30 - 11:30	1.00 3.50 2.00	FISH FISH RIG	3 3 2	BACK TO JARRING ON DRILL STRING. RU TONGS IN DERRICK TO LD A DOUBLE FOR MORE CROWN CLEARANCE REPAIR TOP DRIVE, HYDRAULIC LINE BROKEN TO GRABBER AMONG ALL LINES ON TOP OF TOP DRIVE. HAD TO REMOVE ALL LINES TO GET TO THE ONE WE NEEDED.
	11:30 - 12:00 12:00 - 13:00	0.50 1.00	RIG FISH	2 3	REPAIR COMPOUND OILER PUMP JARRING ON DRILL STRING, SET OFF JARS @ 90K OVER & PULL FROM 360K TO 405K, NO MOVEMENT, NO CIRC, OR NO ROTATION
	13:00 - 15:00 15:00 - 18:30	2.00 3.50	RIG OTH	2	REPAIR ROTARY CHAIN GUARD PULLED WHILE BREAKING OUT DOUBLE F/ CROWN CLEARANCE. TRY TO PULL BULL PLUG F/ SWIVEL. HEAT BULL PLUG AND TRY TO PULL, NO LUCK, PULL ROTARY HOSE TO PULL GOOSE NECK, PUSHER DECIDED TO TRY TO PULL BULLPLUG, RU TUGGER & 36, ABLE TO PULL PLUG.
	18:30 - 19:00 19:00 - 21:30	0.50 2.50	FISH FISH	4 4	SAFETY MEETING W/ DTC RU DTC, RIH & FREE POINT, FREE AT TOP OF COLLARS, STUCK @ TOP OF #1, PARTIALY STUCK @ TOP OF #2, FREE @ TOP OF #3, POH F/ STRING SHOT.
	21:30 - 00:00 00:00 - 01:00 01:00 - 06:00	2.50 1.00 5.00	FISH  CIRC	4  1	RIH TO TOP OF DC #3, & SPOT SHOT, & BACK OFF @ 5091', PUTS BIT DEPTH @ 5261', POOH W/ WIRELINE. RD DTC. WORK OUT 40' UNTIL FREE. PULLING 80K OVER @ TIMES. DISPLACE HOLE W/ 3% KCL MUD, WASH BACK TO TOF @ 5091', C&C MUD F/ TOH. LEFT IN HOLE, BIT, MUD MOTOR, IBS, MONEL, IBS, & 3 DCS. 170' OF FISH. BIT DEPTH 5261'
7/10/2007	06:00 - 07:00 07:00 - 07:30	1.00 0.50	CIRC TRP	1 2	C & C, PUMP PILL & CIRC BOTTOMS UP TOH, KNOWN ALL NIGHT WE WERE GOING TO TRIP, NO PILL MIXED, PULLED 6 STANDS.
	07:30 - 08:30 08:30 - 11:00 11:00 - 12:30 12:30 - 14:00 14:00 - 15:00 15:00 - 17:00 17:00 - 19:00	1.00 2.50 1.50 1.50 1.00 2.00 2.00	CIRC TRP TRP TRP RIG TRP CIRC	1 2 1 2 1 2 1	C&C, MIX & PMP PILL TOH F/ FISHING ASSM LD JARS, PU FISHING TOOLS TIH, NEED TO ADJUST BRAKES SERVICE RIG, TOP DRIVE, & ADJUST BRAKES. TIH W/ FISHING TOOLS. CIRC & WASH TO TOP OF FISH, 30+' OF FILL ABOVE FISH, ENGUAGE FISH & SCREW INTO IT.
	19:00 - 00:30 00:30 - 03:00 03:00 - 05:00 05:00 - 06:00	5.50 2.50 2.00 1.00	FISH FISH FISH FISH	3 4 4 4	JAR ON FISH, UP & DOWN TRYING TO GET ANY MOVEMENT ANY DIRECTION RIG UP LOGERS & RUN SINKER BAR TO 5091' RUN IN W/ FREEPOINT & CHANGE TOOL POOH W/ FREE POINT TOOL, MU STRING SHOT TOP COLLAR FREE, COLLAR #2 PARTIALY STUCK, COLLAR #3 STUCK, WIL TRY TO RECOVER 2 MORE COLLARS.
7/11/2007	06:00 - 08:00 08:00 - 09:30 09:30 - 13:00 13:00 - 19:00	2.00 1.50 3.50 6.00	FISH TRP RIG TRP	4 2 2 2	MU STRING SHOT, RIH TO BACK OFF, MADE MANUAL BACK OFF ( TOP DRIVE QUILL?????) WORKED TORQUE BACK INTO DRILL STRING, AND BACKED OFF @ 5151' PU DRILL STRING, TOP DRIVE POPPED TWICE, PULLED GRABBER OFF, LD 4 JTS OF DP. REPAIR TOP DRIVE, TO MUCH JARRING. QUILL WAS HOLDING BY 1", GRABBER ARM HELD BY ELEVATORS, SEPERATED GRABBER HYD. CYLINDER & PULLED SEVERAL LINES APART. WILL COMPLETLY INSPECT TOP DRIVE WHILE WOC. TOH W/ FISH #2, MIX & PUMP PILL, PULL ROTATING HEAD RUBBER, PULLER

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/11/2007	13:00 - 19:00	6.00	TRP	2	BROKE, TUGGER & WINCH WENT TO THE CROWN. LD FISHING TOOLS & FISH, RECOVERED 2 DCS, TOOLS LEFT IN HOLE. BIT, MOTOR, IBS, MONEL, IBS, & 1 DC.
	19:00 - 23:30	4.50	TRP	2	CLEAN FLOOR & TIH W/ CEMENT STINGER ON THE END OF DP. STINGER IS A JOINT OF DP ORANGE PEELED W/ 21 1/2" HOLES ON 20 DEG. PHASING, P/U 15 JTS D/P
	23:30 - 00:00	0.50	REAM	1	W&R 30' TO TOF
	00:00 - 02:30	2.50	CIRC	1	CIRC & RU HES
	02:30 - 03:30	1.00	CMT	4	CHANGE OVER & TEST LINES TO 1K, PUMP 10 BBL OF WATER, 200 SACKS OF "G" W/ .75% CFR3, WT 17.5 PPG, YIELD .94, 33.4 BBL OF SLURRY.
					DISPLACE W/ 2.3 BBL OF WATER, & 76.5 BBL OF MUD, SHUT DOWN, PRESSURES FELL TO -23 PSI, BREAK OFF HARD LINE, PLUG IN PLACE @ 03:30
7/12/2007	03:30 - 04:00	0.50	TRP	2	TOH STARTED OFF BOTTOM, PULLED TIGHT THE VERY FIRST THING, WORKED PIPE 2-3 TIMES, NO GOOD MOVEMENT, TRIED TO CIRC OUT CEMENT, PRESSURED UP TO 1K AND HELD.
	04:00 - 05:00	1.00	FISH	6	WORK STUCK PIPE. & KEEP PRESSURE ON STRING CAME LOOSE @ 05:00 @ 375K
	05:00 - 06:00	1.00	CIRC	1	CIRC OUT CEMENT
	06:00 - 07:00	1.00	CIRC	1	CIRC OUT CEMENT & WORK PIPE
	07:00 - 12:30	5.50	TRP	2	TRIP OUT W/ SPHERE & STRAP OUT 2' DIFFERENCE
	12:30 - 16:00	3.50	TRP	1	TRIP IN WITH BIT
7/13/2007	16:00 - 19:00	3.00	REAM	1	REAM LAST 3 STDs ( DRLG CEMENT FROM 5136' TO 5151')
	19:00 - 05:00	10.00	CIRC	1	CIRC & COND MUD BRING WT 9 PPG, VIS 45, PH 11, WL 10 0 & RIG SVC AND FUNCTION ANNULAR
	05:00 - 06:00	1.00	TRP	14	SHORT TRIP 10 STDs
	06:00 - 07:00	1.00	TRP	14	SHORT TRIP 10 STANDS, 15' OF FILL
	07:00 - 09:00	2.00	CIRC	1	CIRC & COND, MIX & PUMP 100+ VIS SWEEP, NOT MUCH BACK, MIX PILL
	09:00 - 11:30	2.50	TRP	2	TOH TO PU CEMENT STINGER. LD 1 JT. XO, BIT SUB, & BIT
7/14/2007	11:30 - 13:30	2.00	TRP	2	PU CEMENT STINGER & TIH, WASH 90' TO BOTTOM, NO FILL.
	13:30 - 16:30	3.00	CIRC	1	CIRC & COND, MIX & PUMP HI VIS SWEEP, RU HES, HOLD SAFETY MEETING
	16:30 - 17:30	1.00	CMT	4	RU HES, PUMP 10 BBL OF WATER, 290 SACKS OF "G" W/ .75% CFR3, 3.8 BBL OF WATER, & DISPLACE W/ 74 BBL OF MUD, WT OF CEMENT 17.5 PPG, YIELD .94, 48.55 BBL OF SLURRY, PLG IN PLACE @ 17:30 UNDISTURBED.
					PRESSURES WERE RIGHT WHERE THEY SHOULD BE.
	17:30 - 18:00	0.50	TRP	14	PULLED 11 STANDS SLOW,
	18:00 - 18:30	0.50	CIRC	1	CIRC BOTTOMS UP TO CLEAR DP & CLEAN HOLE.
7/15/2007	18:30 - 21:00	2.50	TRP	2	TRIP OUT WITH SPHERE
	21:00 - 06:00	9.00			W O C & INSPECT TOP DRIVE
	06:00 - 16:30	10.50	RIG	2	WORK ON TOP DRIVE & GRABBER RAM, RPM GAUGE & WAIT ON DIR TOOLS
	16:30 - 18:00	1.50	RIG	6	CUT & SLIP DRLG LINE
	18:00 - 20:30	2.50	OTH		RIG UP MWD
	20:30 - 01:30	5.00	DRL	3	PICK UP DIR TOOLS & ORIENT
7/16/2007	01:30 - 04:00	2.50	TRP	2	TRIP IN PICK UP JARS SLM DRILL PIPE FILL PIPE @ BHA EVERY 2 ROWS
	04:00 - 05:30	1.50	DRL	4	TAGGED UP CEMENT @ 4820 WASH, REAM TO 4837' (17' )
	05:30 - 06:00	0.50	DRL	7	TIME DRLG @ 5 MINUTES AN INCH
	06:00 - 00:00	18.00	DRL	2	TIME DRLG FROM 4837' TO 4870' @ 5 MIN AN INCH (WT 9.1 VIS 42, 3.5 FPH WOB 4K )
	00:00 - 01:00	1.00	RIG	1	RIG SERVICE & FUNCTION UPPER RAMS
	01:00 - 04:30	3.50	DRL	2	ROTAT FROM 4870' TO 4901' (WOB 4.9K, RPM 96, 7' FPH , VIS 42, WT 9.1.)
7/16/2007	04:30 - 05:00	0.50	SUR	1	SURVEY 4851'
	05:00 - 06:00	1.00	DRL	2	SLIDE FROM 4901' TO 4912' (WOB 4.9K, RPM 96, 7' FPH , VIS 42, WT 9.1.)
	06:00 - 06:30	0.50	DRL	2	ROTATE 4912- 4936', 24', 48 FPH, 15K WOB, 97 RPM, 52 DOWN HOLE, 45 ON

**Questar E & P**  
**Operations Summary Report**

Page 7 of 16

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/16/2007	06:00 - 06:30	0.50	DRL	2	SURFACE.
	06:30 - 06:45	0.25	SUR	1	SURVEY @ 4883' .41, @ 248.66
	06:45 - 08:00	1.25	DRL	2	ROTATE 4936' - 4965', 29', 19.33 FPH, SAME PARAMETERS
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	09:00 - 11:30	2.50	DRL	2	ROTATE 4965' - 5028', 63', 25.2 FPH, SAME PARAMETERS
	11:30 - 12:00	0.50	SUR	1	SURVEY @ 4975' 1.37, @ 315.1
	12:00 - 13:00	1.00	DRL	2	SLIDE 5028' -5039', 11', RPM 52, WOB 12-15K
	13:00 - 16:45	3.75	DRL	2	ROTATE 5039' - 5123', 84', 22.4 FPH, SAME PRAMETERS
	16:45 - 17:00	0.25	SUR	1	SURVEY @ 5070' .53 @ 246.75
	17:00 - 22:30	5.50	DRL	2	DRILL 5123' - 5219'
	22:30 - 22:45	0.25	SUR	1	SURVEY @ 5168' .53 @ 213.97
	22:45 - 03:00	4.25	DRL	2	DRILL 5219' - 5312'
	03:00 - 03:15	0.25	SUR	1	SURVEY @ 5263' .53 @ 213.97
	03:15 - 06:00	2.75	DRL	2	DRILL 5263' - 5385'
7/17/2007	06:00 - 09:00	3.00	DRL	2	ROTATE - 5374' -5405'
	09:00 - 09:15	0.25	SUR	1	SURVEY @ 5232' INC.07,DIR122.36
	09:15 - 10:00	0.75	DRL	2	ROTATE 5405 - 5434'
	10:00 - 11:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP
	11:30 - 14:30	3.00	TRP	10	POOH TO L/D DIR TOOLS
	14:30 - 16:00	1.50	TRP	1	L/D DIR TOOLS
	16:00 - 17:00	1.00	TRP	1	P/U BIT, M/M & IBS
	17:00 - 18:00	1.00	TRP	10	P/U MONEL,IBS,TRIP IN BHA.
	18:00 - 19:00	1.00	RIG	1	LUBE RIG ,T/D FUNCTION LOWER PIPE RAMS
	19:00 - 21:00	2.00	TRP	10	TIH W/ PIPE FILL EVERY 2 ROWS
	21:00 - 00:00	3.00	REAM	1	WASH TO BOTTOM 4837' - 5434' ( 597')
	00:00 - 05:00	5.00	DRL	1	DLRG FROM 5334'- 5587' ( WOB 10K - 12 K VIS 42, WT 91, PRM 106)
	05:00 - 06:00	1.00	CIRC	1	PUMP SWEPP & CIRC F/ SURVEY BIT DEPTH 5587'
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 5524' .2 DEG, 262.44 AZ.
	06:30 - 15:00	8.50	DRL	1	DRILL 5587' - 5869', 282', 33.17 FPH, WOB 15-17K, RPM 117, 60 ON SURFACE, 57 DOWN HOLE. 384 GPM. BOP DRILL, FUNCTION ANNULAR.
7/18/2007	15:00 - 15:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION CROWN - O - MATIC, & PIPE RAMS.
	15:30 - 21:30	6.00	DRL	1	DRILL 5869' - 6089', 220', 36.66 FPH, SAME PARAMETERS
	21:30 - 22:00	0.50	SUR	1	SURVEY @ 6026' 1.1 DEG @ 176.04
	22:00 - 06:00	8.00	DRL	1	DRILL 6089' - 6395'
	06:00 - 11:30	5.50	DRL	1	DRILL FROM 6395 TO 6526 (ROP 23.8' HR) WOB 15, RPM 61, DHRPM 122--MW-9.0+ VIS-42
7/19/2007	11:30 - 12:30	1.00	RIG	1	SERVICE TOP DRIVE AND RIG (GREASED CROWN, BLOCKS, SWIVEL, COMPOUND, DRAW-WORKS)
	12:30 - 06:00	17.50	DRL	1	DRILL FROM 6526 TO 7025 HOLE SEEPING 25 BBL HR PUMPING LCM SWEEPS/SLOWED DOWN TO 3-5 BBL HR./PUMPING BIT BALLING SWEEPS ALSO--RUNNING THE SAME PERAMETERS ON BIT
	06:00 - 11:30	5.50	DRL	1	DRILL FROM 7025 TO 7092 (ROP 12.2' HR) WOB 15-18 RPM 60, DHRPM 120,--MW 9.0+VIS 47
7/20/2007	11:30 - 12:00	0.50	SUR	1	SURVEY @ 7029 1.7 DEG. AZ. 135
	12:00 - 18:00	6.00	DRL	1	DRILL FROM 7092 TO 7187 (ROP 15.8' HR) WOB 18-20 RPM 55-65, DHRPM 110-130 MW 9.0/VIS50
	18:00 - 19:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	19:00 - 06:00	11.00	DRL	1	DRILL FROM 7187 TO 7375 (ROP 17.0' HR) WOB 20-22 RPWM 60, DHRPM 120--MW 9.0/ VIS-50 (LOST APROX. 300 BBL.S IN THE LAST 24 HR.S/ CONTROLLING WITH 20% LCM SWEEPS)
	06:00 - 15:30	9.50	DRL	1	DRILL FROM 7,375 TO 7,530 (ROP 16.3' HR.) WOB 20-22, RPM 60, DHRPM 122, MW 9.0 VIS 45 PUMPING LCM SWEEPS TO CONTROL SEEPAGE, ALSO PUMPING BIT BALLING SWEEPS WHEN ROP SLOWS DOWN!!

**Questar E & P**  
**Operations Summary Report**

Page 8 of 16

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/21/2007	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, CHANGE 2" 5K VALVE ON FILL UP LINE
	16:30 - 04:00	11.50	DRL	1	DRILL FROM 7,564 TO 7,860 (ROP 25.7' HR.) SAME PARAMETERS ON BIT AND MW
	04:00 - 04:30	0.50	RIG	2	TROUBLE SHOOT PUMP PRESSURE LOSS-(CHARGE PUMP NOT ON)--DRILLER WAS DRILLING FOR 20 MIN. WITH 350 PSI LESS THAN BEFORE. HAD A TALK WITH DRILLER AND TOOL PUSHER. (ABOUT CONTACTING ME WHEN SOMETHING LIKE THIS HAPPENS, IT'S THE SAME DRILLER THAT STUCK THE PIPE)
	04:30 - 06:00	1.50	DRL	1	DRILL FROM 7,860 TO 7,888 (ROP 18.5' HR) SAME PARAMETERS ON BIT AND MW GETTING 180 UNITS OF GAS ON CON. GAS (NOT FLOWING ON CONNECTIONS)
7/22/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 7,888 TO 8036 (ROP 21.1' HR) WOB 22, RPM 60, DHRPM 120,--MW-8.9, VIS 47
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION PIPE RAMS
	14:00 - 18:00	4.00	DRL	1	DRILL ACTUAL FROM 8036 TO 8130 (ROP 23.5' HR) SAME PARAMETERS
	18:00 - 01:00	7.00	DRL	1	DRILL ACTUAL FROM 8130 TO 8245 (ROP 16.4' HR) SAME PARAMETERS
7/23/2007	01:00 - 02:00	1.00	CIRC	1	CONDITION MUD AND CIRCULATE BOTTOMS UP
	02:00 - 02:30	0.50	SUR	1	DEVIATION SURVEY AND PUMP PILL FOR TRIP
	02:30 - 06:00	3.50	TRP	10	TRIP PIPE OUT OF HOLE, TIGHT FROM 8245 TO 7855, MAX OVERPULL 70K
	06:00 - 07:00	1.00	TRP	10	TRIP OUT OF HOLE
	07:00 - 08:00	1.00	TRP	10	LAY DOWN MUD MOTOR AND BIT PICK UP NEW MUD MOTOR (HUNTING .15) AND BIT
	08:00 - 08:30	0.50	TRP	10	TRIP IN BHA TO CASING SHOE 1,142
	08:30 - 10:00	1.50	OTH		WORK ON OIL LEAK ON HOSE AND CHANGE GRABBER DIES ON TOP DRIVE
	10:00 - 13:30	3.50	TRP	10	TRIP IN HOLE FILL PIPE @ BHA, 4,148, / 7,222
	13:30 - 15:00	1.50	REAM	1	WASH AND REAM FROM 7,775 TO 8,245, 40' OF FILL
	15:00 - 18:00	3.00	DRL	1	DRILL FROM 8,245' TO 8,318' (ROP 24.30) WOB 11K RPM 60 DHRPM 122 MW 8.9 VISC 47
7/24/2007	18:00 - 06:00	12.00	DRL	1	DRILL FROM 8318' TO 8,605' (ROP 23.9) WOB 10-15 RPM 50-60 DHRPM 110-125 MW8.9 VIS 45---BIT SLIP STICKING TRYING TO WORK PARAMETERS TO SLOW OR STOP!!
	06:00 - 12:00	6.00	DRL	1	DRILL FORM 8605 - 8731 (ROP 21' HR) WOB 12-15 RPM 50-65 DHRPM 110-135 --MW 8.9 VIS 47 HAD A LOT OF STICK SLIP TRY TO WORK PARAMETERS TO STOP
	12:00 - 13:00	1.00	RIG	1	SERVICE TOP DRIVE AND RIG- COMPOUND
	13:00 - 20:00	7.00	DRL	1	DRILL FROM 8731 TO 8797 (ROP 9.4' HR) WOB 15-20 RPM60 DHRPM 120--MW 8.9 VIS 47 PUMPED BIT BALLING SWEEPS AND HI VIS SWEEPS
	20:00 - 21:00	1.00	CIRC	1	PICK UP 64" OFF BOTTOM AND INSTALL TIW VALVE, AND CIRCULATING SWEDGE--
7/25/2007	21:00 - 06:00	9.00	RIG	2	BREAK CIRCULATION @ 43 STROKES A MINUTE, ROTATING PIPE EVERY 15 MIN--6WRAPS DO TO CROWN SHEAVE CRACKED ALL THE WAY AROUND ON ONE SPOKE (BRINGING MUD PROPERIES TO SPEC.S LOWERING WATER LOSS, GEL STREANTHES AND BRING MW TO 9.1 EVIVULATE TO THE ECDS)/READY RIG FLOOR TO LAY OVER DERRICK, LAY DOWN TOP DRIVE, READY RIG FLOOR AND BRIDLE UP AND LAY OVER DERRICK (ROTATING PIPE EVERY 15 MIN. 6 WRAPS)
	06:00 - 13:00	7.00	RIG	2	UNSTRING DERRICK
	13:00 - 18:00	5.00	RIG	2	TAKE SHEAVES OUT OF CROWN SECTION WITH CRANE
	18:00 - 20:30	2.50	RIG	2	CLEAN AROUND RIG, WENT THROUGH PUMPS, CHANGE OIL IN #1 FLOOR MOTOR, WORK ON MUD WEIGHT 9.1/CROWN CLUSTER SHOULD BE IN MACHINE SHOP @ 7:00 A.M.-THEY ARE THINKING THEY COULD HAVE THEM GONE THROUGH, INSPECTED AND PUT BACK TOGETHER BY 7-26-2007
	20:30 - 06:00	9.50	RIG	2	WORK ON INPUT CHAIN ON DRAW-WORK'S (PUT IN A HALF LINK), WORK ON
7/26/2007	06:00 - 06:00	24.00	RIG	2	

Printed: 9/4/2007 2:08:24 PM

**Questar E & P**  
**Operations Summary Report**

Page 9 of 16

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/26/2007	06:00 - 06:00	24.00	RIG	2	FUEL HOSE LEAK, CLEANING AROUND RIG, SUB,(CROWN CLUSTER SHOULD LEAVING SHOP AFTER NOON ON 7-26-07---CLUSTER CHECK OUT O.K., FASTLINE SHEAVE FROM HOUSTON IS BEEING SLEEVED AND BEARING'S SHOULD BE AT SHOP A.M. ON 7-26-07)
7/27/2007	06:00 - 06:00	24.00	RIG	2	CLEAN AROUND RIG, RECEIVED SHEAVES AT 19:30 (CRANE WILL BE THIS AM TO INSTALL CLUSTER AND FAST LINE, (ROTATNG 6-8 TURNS EVERY 15 MINUTES WHILE CIRCULATING AT 45 STROKES (157 GPM))
7/28/2007	06:00 - 10:30	4.50	RIG	2	PUT CROWN CLUSTER IN CROWN SECTION
	10:30 - 12:00	1.50	RIG	2	PULL ALL THREAD PROTECTORS OFF OF 7" CASING
	12:00 - 16:30	4.50	RIG	2	STRIING UP DERRICK, PUT DRILLING LINE ON DRUM, AND TIGHTEN DOWN DEAD MAN
	16:30 - 19:00	2.50	RIG	2	RIG UP RIG FLOOR,HANG TONGS, SPINNERS, RIG UP TUGGER,
	19:00 - 01:30	6.50	RIG	2	RIG UP TOP DRIVE, TORQUE BUSHING, HYDRILIC HOSES, SAVER SUB, BAILS, ELEVATORS
	01:30 - 02:00	0.50	RIG	2	MAKE SURE PIPE WAS FREE, PUMP AT A HIGHER RATE AND ROTATE WORKING PIPE 90°
	02:00 - 03:00	1.00	CIRC	1	ADJUST BRAKES AND BUILD TRIP SLUG
	03:00 - 06:00	3.00	TRP	12	TRIP OUT OF HOLE TO PRESSURE TEST 5,000-30 DAY- AND CHANGE MOTOR AND BIT
	06:00 - 07:30	1.50	TRP	12	TRIP OUT OF HOLE TO PRESSURE TEST, CHANGE MOTOR AND BIT
	07:30 - 08:00	0.50	OTH		PULL WEAR BUSHING (NO WEAR)
7/29/2007	08:00 - 14:00	6.00	BOP	2	PRESSURE TEST BOPE (30 DAY TEST) PRESSURE TESTED-5 MIN LOW (250 PSI) 10 MIN HIGH (5000 PSI) UPPER, LOWER TOP DRIVE VALVE, TIW VALVE, DART VALVE, TOP AND BOTTOM PIPE RAMS, BLIND RAMS, HCR, CHOKE MANIFOLD, CHOKES, PRESSURE TESTED-5 MIN LOW (250 PSI) 10 MIN HIGH (2500 PSI)-ANNULAR
	14:00 - 14:30	0.50	OTH		INSTALL WEAR BUSHING
	14:30 - 15:30	1.00	TRP	12	PICK UP AND MAKE UP NEW MOTOR AND BIT, TRIP IN HOLE FILL AT BHA, (HAND SHUT OFF SHAKERS AND (LOST 40 BBL OVER INTO RESERVE PIT)
	15:30 - 16:30	1.00	RIG	1	SERVICE RIG AND SET CROWN-O-MATIC
	16:30 - 19:00	2.50	TRP	12	TRIP IN HOLE FILL @ 4350, 7650
	19:00 - 19:30	0.50	OTH		WORK ON TRACK FOR PASON IN THE CROWN
	19:30 - 20:00	0.50	TRP	12	TRIP IN HOLE 10 STANDS
	20:00 - 20:30	0.50	REAM	1	SAFETY WASH AND REAM FROM 8,700 TO 8,797
	20:30 - 06:00	9.50	DRL	1	DRILL FROM 8,797 TO 9,014 (ROP 22.8' HR WOB 13, ROT 40, DHRPM 100, MW 9.2, VIS 51, BACK GROUND GAS 102, NO FLARE)
					DRILL FROM 9,014 TO 9204 (ROP 21' HR) WOB 12-18, DHRPM 100-140, MW 9.3, VIS 50, GPM 453
7/30/2007	06:00 - 15:00	9.00	DRL	1	SERVICE RIG AND TOP DRIVE- FUNCTION ANNULAR
	15:00 - 16:00	1.00	RIG	1	DRILL FROM 9,204 TO 9,360 (ROP 13' HR) WOB 18-22, DHRPM 120-140, MW 9.3, VIS 48, GPM 453,PUMPING BIT BALLING SWEEPS 10 BBL EVERY HR.
	16:00 - 06:00	14.00	DRL	1	DRILL FROM 9360 TO 9391(ROP 15.5' HR) WOB 20-25, DHRPM 128, MW 9.3, VIS 50 --PUMPING BIT BALLING SWEEPS-DON'T SEEM TO BE HELPING
7/31/2007	06:00 - 08:00	2.00	DRL	1	SERVICE RIG (COMPOUND, BLOCKS, TOP DRIVE)
	08:00 - 09:00	1.00	RIG	1	DRILL FROM 9391 TO 9409 (ROP 12' HR) WOB 20-25, DHRPM 128,MW 9.3 VIS 50
	09:00 - 10:30	1.50	DRL	1	CIRCULATE BOTTOMS UP & BUILD TRIP SLUG
	10:30 - 11:30	1.00	CIRC	1	DROP SURVEY @ 9356 2.4 DEG/123.2 AZ
	11:30 - 12:00	0.50	SUR	1	TRIP OUT OF HOLE TO CHANGE BITS, ROP SLOWED,
	12:00 - 15:30	3.50	TRP	10	CHANGE BIT AND WORK BLIND RAMS
	15:30 - 16:00	0.50	TRP	10	TRIP IN HOLE FILL AT BHA AND EVERY 33 STANDS
	16:00 - 20:00	4.00	TRP	10	WASH AND REAM FROM 9330 TO 9409 (NO HOLE FILL)
	20:00 - 20:30	0.50	REAM	1	DRILL FROM 9409 TO 9423 (ROP 28' HR) WOB 5, DHRPM 130, MW 9.2, VIS 47,
	20:30 - 21:00	0.50	DRL	1	

Printed: 9/4/2007 2:08:24 PM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/31/2007	20:30 - 21:00	0.50	DRL	1	HAD A 35 FT FLARE-6350 UNITS OF GAS PEAK
	21:00 - 21:30	0.50	RIG	2	WORK ON OIL PUMP ON COMPOUND (SPOCKET FELL OFF AND WASN'T OILING COMPOUND)
	21:30 - 06:00	8.50	DRL	1	DRILL FROM 9423 TO 9573 (ROP 29' HR) WOB 15-18,DHRPM 130, MW 9.2, VIS 48, BGGAS 1445 THRU BUSTER
8/1/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 9573 TO 9674
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:00 - 18:00	6.00	DRL	1	DRILL FROM 9674 TO 9750 - RAISING MUD WT. TO 9.6 DUE TO POPPING SHALES - PICKING UP CONNECTION OVERPULL
	18:00 - 23:00	5.00	DRL	1	DRILL FROM 9750 TO 9796 - SLOWLY RAISING MUD WT WHILE PUMPING LCM SWEEPS
	23:00 - 02:00	3.00	CIRC	2	LOST CIRCULATION - PUMPING 20 BBL SWEEPS - GOT CIRC. BACK BUT LOSING 20 BBL PER HOUR
	02:00 - 02:30	0.50	TRP	2	TRIP 3 STANDS BACK - LOSING CIRCULATION AGAIN
	02:30 - 06:00	3.50	CIRC	2	BYPASS SHAKERS AND START ADDING LCM TO ACTIVE SYSTEM - SHOULD BE CLOSE TO 2.5% LCM IN ACTIVE SYSTEM BY REPORT TIME LOSSES = AROUND 165 - PRESENTLY LOSING 5 TO 6 BBL PER HOUR OFF BOTTOM - HAVE BEEN RAISING PUMP STROKES VERY SLOWLY AND AT REPORT TIME WILL BE AT 56 STROKES EACH - AND SHOULD BE READY TO EASE TO BOTTOM AND POSSIBLY START DRILLING AGAIN
8/2/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE AND CONDITION HOLE,MIX LCM SWEEPS -TRIP IN HOLE 3 STD
	07:00 - 14:00	7.00	DRL	1	DRILLING F/9796 T/9830 34' 4.9'/HR
	14:00 - 14:30	0.50	CIRC	1	CIRCULATE AND CONDITION HOLE,BUILD AND PUMP SLUG-FILL TRIP TANK
	14:30 - 20:00	5.50	TRP	10	TRIP OUT OF HOLE FOR BIT #7-TOOK 26 EXTRA BBL ON FILL
	20:00 - 03:00	7.00	TRP	10	CHANGE OUT BITS AND CHECK MOTOR.TRIP IN HOLE, FILL PIPE EVERY 2 ROWS
	03:00 - 03:30	0.50	REAM	1	WASH 90' TO BOTTOM-NO FILL
8/3/2007	03:30 - 06:00	2.50	DRL	1	DRILLING F/9830 T/9892 62' 24.8'/HR
	06:00 - 10:30	4.50	DRL	1	TRIP GAS 6046 UNITS,40' FALIR, 25 BBL GAIN-VENTING
	10:30 - 11:30	1.00	RIG	1	DRILLING F/9892 T/10021 119' 28.7'/HR
	11:30 - 22:00	10.50	DRL	1	RIG SERVICE
	22:00 - 23:00	1.00	CIRC	1	DRILLING F/10021 T/10105 84' 8.0'/HR BRINGING MUD WT UP TO10.0 DO TO BACK GROUND GAS
8/4/2007	23:00 - 06:00	7.00	TRP	10	CIRCULATE AND CONDITION FOR TRIP,FLOW CHECK
	06:00 - 07:30	1.50	TRP	10	TRIP OUT OF HOLE WITH BIT #8-TIGHT SPOT @ 10185'
	07:30 - 08:30	1.00	RIG	6	CHANGE OUT MOTOR AND PICK UP BIT #9,TRIP IN HOLE TO SHOE. FILL PIPE
	08:30 - 13:00	4.50	TRP	10	CUT DRILLING LINE
	13:00 - 14:00	1.00	REAM	1	TRIP IN HOLE,FILL PIPE EVERY 2 ROWS-TAGGED UP @ 9925' MAYBE 10 BBL LOSS ON TRIP
8/5/2007	14:00 - 06:00	16.00	DRL	1	WASH AND REAM F/9920 T/BOTTOM TRIP GAS 8200 UNITS,35' FALIR,25 BBL GAIN
	06:00 - 09:00	3.00	DRL	1	DRILLING F/10115 T/10205 90' 5.6'/HR
	09:00 - 10:30	1.50	CIRC	1	BRING MUD WT UP TO 10.4 TO LOWER BACK GROUND GAS
	10:30 - 16:00	5.50	TRP	10	DRILLING F/10205 T/10223 18' 6.0'/HR
	16:00 - 17:00	1.00	TRP	10	BRING MUD WEIGHT UP TO 10.4 PPG,GAS UNITS @ 4800,NO GAS CUT OR FLAIR
	17:00 - 22:30	5.50	TRP	10	CIRCULAE AND CONDITION HOLE FOR TRIP-FLOW CHECK. DROP SURVEY AND PUMP SLUG.
	22:30 - 23:00	0.50	REAM	1	TRIP OUT OF FOR BIT
					CHANGE OUT MOTOR,PICK UP IMPREG BIT AND LAY DOWN IBS
					TRIP IN HOLE WITH BIT #10
					WASH 45' TO BOTTOM-TRIP GAS 8020 UNITS,40' FLAIR. NO MUD LOSSES ON TRIP.

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/5/2007	23:00 - 01:00	2.00	DRL	1	DRILLING F/10223 T/10234 -DRILLED FRACTURE @ 10228'
	01:00 - 02:00	1.00	CIRC	1	CIRCULATE AND PUMP LCM SWEEPS-LOST PARTIAL RETURNS. GOT RETURNS BACK AND CIRCULATING GOOD
	02:00 - 03:30	1.50	DRL	1	DRILLING F/10234 T/10237
	03:30 - 06:00	2.50	CIRC	1	LOST MOST OF RETURNS . PUMP SWEEPS AND BUILD VOLUME IN TANKS. PICKED UP 50' OFF BOTTOM. LOST APPROX 800 BBLS AT REPT TIME.
8/6/2007	06:00 - 12:00	6.00	CIRC	1	BUILD MUD VOLUME UP AND REGAINED CIRCULATION. CIRCULATE GAS OUT OF HOLE AND CONDITION THICK MUD. BOTTOMS UP GAS WAS 15' FLAIR,4600 UNITS OF GAS AND MINIMAL GAIN,VERY THICK VIS.
	12:00 - 12:30	0.50	REAM	1	WASH AND REAM 50' TO BOTTOM,14' OF FILL.CIRCULATED AND WATCHED FOR LOSSES.NO LOSSES.
	12:30 - 22:00	9.50	DRL	1	DRILLING F/10237 T/10291 54' 5.6'/HR
	22:00 - 00:00	2.00	CIRC	1	LOST 75% OF RETURNS- CIRCULATE-SLOW PUMPS DOWN,PUMP LCM SWEEPS UNTIL FULL CIRCULATION GAINED. LOST APPROX. 200 BBLS
	00:00 - 06:00	6.00	DRL	1	DRILLING F/10291 T/10367 76' 12.7'/HR
					BUILDING UP VOL. IN ACTIVE SYSTEM,BACK GROUND GAS UP TO 4600 UNITS-SEEPING 3 TO 4 BBLS PER HR.
8/7/2007	06:00 - 09:30	3.50	DRL	1	DRILLING F/10367 T/10400 33' 9.4'/HR
	09:30 - 10:30	1.00	RIG	1	RIG SERVICE AND SERVICE TOP DRIVE
	10:30 - 14:00	3.50	DRL	1	DRILLING F/10400 T/10421 21' 6.0'/HR
	14:00 - 16:00	2.00	CIRC	1	HOLE SEEPING 4 TO 5 BBLS AN HOUR CIRCULATE AND PUMP LCM SWEEPS,LOST PARTIAL RETURNS. LOST APPROXIMATELY 80 BBLS @ 10421
	16:00 - 06:00	14.00	DRL	1	DRILLING F/10421 T/10498 77' 5.5'/HR
8/8/2007					WAS SEEPING AT 20 BBLS PER HOUR,HOLE NOT LOSSING FLUID AT REPORT TIME
	06:00 - 10:00	4.00	DRL	1	DRILLING F/10498 T/10528 30' 7.5'/HR
	10:00 - 11:00	1.00	RIG	1	NO LOSSES OR SEEPAGE LAST 4 HRS
	11:00 - 21:30	10.50	DRL	1	RIG SERVICE,SERVICE TOP DRIVE
	21:30 - 23:30	2.00	CIRC	1	DRILLING F/10528 T/10598 70' 6.7'/HR
	23:30 - 01:00	1.50	TRP	14	NO LOSSES LAST 10 HRS
8/9/2007	01:00 - 03:00	2.00	CIRC	1	CIRCULATE AND CONDITION HOLE FOR SHORT TRIP
	03:00 - 03:30	0.50	SUR	1	SHORT TRIP 10 STANDS-HOLE WAS CLEAN
	03:30 - 06:00	2.50	TRP	2	CIRCULATE AND CONDITION HOLE FOR LOGS-BOTTOMS UP GAS 3800 UNITS AND 10' FLAIR
	06:00 - 09:30	3.50	TRP	2	DROP SUEVEY AND FLOW CHECK,LOOKED GOOD
	09:30 - 10:30	1.00	LOG	1	TRIP OUT OF HOLE FOR LOGS-SLM
					TRIP OUT OF HOLE FOR LOGS-SLM
	10:30 - 22:30	12.00	LOG	1	RIG UP HALLIBURTON, HOLD SAFETY MEETING AND RUN PLATFORM EXPRESS LOG
	22:30 - 23:30	1.00	LOG	1	WIIRELINE LOGS- FIRST RUN TRIPLE COMBO (HRI-BVP-DSN) SECOND RUN (SONIC)
	23:30 - 00:00	0.50	BOP	1	RIG DOWN HALLIBURTON
	00:00 - 01:00	1.00	TRP	1	PULL WEAR BUSHING
8/10/2007	01:00 - 02:00	1.00	TRP	2	LAY DOWN MOTOR & MONEL
	02:00 - 04:00	2.00	TRP	2	P/U BIT SUB & TRICONE BIT TRIP IN BHA TRY TO FILL SOMETHING WAS PLUGED
	04:00 - 06:00	2.00	TRP	2	TRIP BACK OUT WET THE FLOAT WAS PLUGED SOLID WITH LCM
	06:00 - 09:30	3.50	TRP	2	TRIP IN HOLE TO COND. FOR CASING
	09:30 - 10:30	1.00	CIRC	1	TRIP IN HOLE TO 10468FT CIRCULATE THROUGH THE BUSTER GAINED 47 BBLS SHOT TO 90 % FLOW,

**Questar E & P**  
**Operations Summary Report**

Page 12 of 16

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/10/2007	09:30 - 10:30	1.00	CIRC	1	35 FOOT FLARE , @ 6300 STKS IN TO 8400 STKS BTMS UP
	10:30 - 12:00	1.50	CIRC	1	CIRCULATE THROUGH CHOKE REST OF BTMS UP
	12:00 - 13:00	1.00	REAM	1	WASH AND REAM F/10468 TO 10598 NO FILL
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE BUILD PILL, FILL TRIP TANK & RIG UP LAY DOWN MACHINE
	14:30 - 22:00	7.50	TRP	3	ROCKY MTN CASERS
	22:00 - 00:30	2.50	WOT	4	LAY DOWN 5" DRILL PIPE & BHA
	00:30 - 02:00	1.50	CSG	1	CLEAN FLOOR, TAKE OFF TOP DRIVE BAILS & W/O CASING CREW
8/11/2007	02:00 - 06:00	4.00	CSG	2	RIG UP CASING TOOLS & HOLD SAFETY MEETING
	06:00 - 11:30	5.50	CSG	2	RUN 7" CASING @ 2000FT
	11:30 - 14:00	2.50	CIRC	1	RUN 7" CASING USING THE FILLUP TOOL & LANDED THE HANGER IN THE
	14:00 - 15:00	1.00	BOP	1	MUTIBOWL - FLOAT SHOE 29# - 2 SHOE JTS 29# 84.23 FT-FLOAT COLLAR 29#-
	15:00 - 19:00	4.00	BOP	1	33JTS 29# 1520.81 FT HCP-110-SHORT JT 26# 20.90-194 JTS 26# 8916.46 FT
	19:00 - 19:30	0.50	CMT	1	-CASING FLUTED HANGER 4.5 FT 26# TOTAL 10571FT
	19:30 - 00:00	4.50	CMT	2	CIRCULATE BTMS UP THROUGH THE CHOKE 30FT FLARE 6600 UNITS
8/12/2007	00:00 - 00:30	0.50	CMT	1	ANNULAR WOULD NOT OPEN THE OPEN SIDE HAD A QUICK CONNECT
	00:30 - 06:00	5.50	BOP	1	HYDRALIC FITTING THAT WAS NOT LET THE FLUID THROUGH TO OPEN UP
	06:00 - 08:30	2.50	WOT	1	THE ANNULAR. FIXED IT NOW WORKING FINE.
	08:30 - 14:00	5.50	BOP	2	UNSCREW AND PULL LANDING, RUN IN PACK OFF ASSEMBLE & PACK OFF
	14:00 - 15:00	1.00	EQT	1	TEST TO 5000 PSI FOR 10 MIN. RUN IN AND SET CEMENT ISOLATION TOOL.
	15:00 - 21:30	6.50	BOP	1	RIG U P HALLIBURTON & HOLD SAFETY MEETING
	21:30 - 02:30	5.00	BOP	2	CEMENT WITH HALLIBURTON- 2055 SKS 50/50 POZ CLASS G LEAD 14.3# - 70
8/13/2007	02:30 - 03:30	1.00	BOP	1	SKS CLASS G 14.3 - CAP 200 SKS 14.6# BUMPED PLUG @ 396 BBLs OF
	03:30 - 04:00	0.50	CSG	1	DISPLACEMENT CHECKED FLOWS HELD FLOWED BACK 3 BBLs
	04:00 - 06:00	2.00	TRP	3	PULL ISOLATION TOOL
	06:00 - 10:00	4.00	TRP	1	CHANGE OUT BOTTOM PIPE RAMS FROM 5" TO 3.5 BY 5" VARIABLES, CHANGE
	10:00 - 12:00	2.00	TRP	3	OUT SAVE SUB IN TOP DRIVE & PICK UP 4" FLOOR VAVLES ALSO
	12:00 - 23:30	11.50	TRP	3	CHANGED OUT LINERS & SWABS IN MUD PUMPS
	23:30 - 00:30	1.00	RIG	6	PICK UP 4" ROTARY TOOLS & CHANGE OUT LINERS AND SWABS IN MUD
8/13/2007	00:30 - 01:30	1.00	RIG	1	PUMPS
	01:30 - 03:00	1.50	TRP	3	TEST TOP DRIVE VAVLES (250 PSI) LOW 5 MINS.- (10000 PSI) HIGH 10 MINS-
	03:00 - 06:00	3.00	DRL	4	CHOKE MANIFOLD ( 250 PSI ) LOW 5 MINS- ( 10000 PSI ) HIGH 10 MINS- TRIED
					TO TEST UPPER & LOWER PIPE RAMS WOULD NOT HOLD
					PUMPED UP AND TEST CASING TO 2500 PSI
					CHANGED OUT PIPE RAMS THE WRONG RAMS WHERE CHANGED OUT, THE
					VARIABLE RAMS WHERE TAKEN OUT IN THE BOTTOM RAMS WICH ALREADY
8/13/2007					HAD THE VARIABLE RAMS IN IT. THE 5" RAMS WHERE IN THE TOP SO WE PUT
					THE VARIABLE IN THE TOP AND FIXED THE UPSIDE DOWN RAM IN THE
					BOTTOM.
					TEST BOPS- TOP PIPE RAMS, TIW, DART VALVE, MANUAL VALVES, CHECK
					VALVE-(250 PSI) LOW 5 MIN.-(10000 PSI) HIGH 10 MINS.- BLINDS, HCR, LOWER
					PIPES (250 PSI) LOW 5 MINS (10000 PSI) HIGH 10 MINS.- ANNULAR (250 PSI)
					LOW 5 MINS-(5000 PSI) HIGH 10 MINS.
8/13/2007					INSTALL WEAR BUSHING
					RIG UP ROCKY MOUNTAIN CASER TO PICK UP 4" DRILL PIPE & BHA
					STRAP BHA AND PUT IN PASON
					PICK UP BHA -FILL & CIRC
					STRAP 4" DRILL PIPE 136 JTS
					PICK 4" XT-39 DRILL PIPE TRIP IN TO 5607 DEPTH -FILL PIPE -TRIP IN 9985
					DEPTH RIG DOWN LAY DOWN MACHINE
8/13/2007					CUT DRLG LINE
					SERVICE RIG AND TOP DRIVE
					PICK UP 4" DRILL PIPE TAG CEMENT @ 10405
					DRLG CEMENT F/ 10405 -10484 TAG FLOAT COLLAR @ 10484- WENT

Printed: 9/4/2007 2:08:24 PM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/13/2007	03:00 - 06:00	3.00	DRL	4	THROUGH FLOAT COLLAR DRLG CEMENT DOWN TO SHOE
8/14/2007	06:00 - 06:30	0.50	LOG	4	INSTALL ROTATING HEAD
	06:30 - 07:30	1.00	DRL	1	DRLG PLUG, FLOAT COLLAR, SHOE & DRLG 22' CEMENT
	07:30 - 08:00	0.50	DRL	1	DRLG F/10598' TO 10608'
	08:00 - 09:00	1.00	CIRC	1	CIRC & COND F/ FIT TEST
	09:00 - 09:30	0.50	EQT	2	CONDUCT FIT TEST - TRIED FOR EQUIVALENT MUD WT OF A 14PPG (2040 PSI ) IT BLED BACK TO A (1100 PSI) 2PPG OVER TEST MUD WT OF A 10.3 PPG
	09:30 - 14:00	4.50	RIG	2	AFTER OPENING UP THE TOP PIPE RAMS ONE OF THE RIG HANDS NOTICED THAT THE KOOMEY PUMP WAS SMOKING. WE NOTICED THAT ALL THE PRESSURE HAD BEEN BLED OFF AT THE KOOMEY. STARTED TROUBLE SHOOTING THE PROBLEM AND FOUND OUT THE ONE OF THE KOOMEY LINE ON THE UPPER PIPE RAMS WAS FULL OF MUD. SO WE THINK THAT ONE OR BOTH OIL SEALS ARE OUT IN THE RAMS.
	14:00 - 20:00	6.00	TRP	2	TRIP OUT TO REPAIR TOP PIPE RAMS AND THE KOOMEY
	20:00 - 21:00	1.00			PULL WEAR BUSHING
	21:00 - 22:00	1.00			R/U CASD HOLE SOLUTION WIRE LINE TRIP INTO 2000' SET COMPOSET BRIDGE PLUG RELEASE & TRIP OUT AND R/D WIRELINE
	22:00 - 06:00	8.00			OPEN SIDE DOORS ON TOP PIPE RAMS, CHANGE GASKET, DRAIN ACCUMLATOR, BLOW ALL LINES CLEAN, WORK ON RAM SEAL & SNAP RING THAT HOLDS SEAL
8/15/2007	06:00 - 06:00	24.00	RIG	2	THE SNAP RINGS WOULD NOT STAY IN ON THE ONE SIDE AND COULD NOT GET THE OIL SEALS OUT OF THE OTHER SIDE OF RAM SHAFT, SO THEY HAD TO TAKE THE DOORS OFF THE RAMS AND SEND THEM TO TOWN TO HAVE SOME MACHINE WORK DONE.
8/16/2007	06:00 - 17:00	11.00	RIG	2	WORK ON TOP PIPE RAMS IN VERNAL AT STEWART MACHINE, TOP SEALS REPLACED AND BODY MACHINED ON (M&M HAND SAID IT WAS IN BAD SHAPE) RECEIVE AND INSTALL DOORS
	17:00 - 18:30	1.50	RIG	2	FUNTION TEST KOOMY AND RIG UP TESTERS TEST UPPER VARIABLES, 250 # LOW 10 MIN / 10,000 # HIGH 15 MIN
	18:30 - 20:00	1.50	RIG	2	INSTALL WEAR BUSHING AND INSTALL HIGH PRESSURE ROTATING HEAD (HAD TO PULL FOR TEST AND INSTALL WEAR BUSHING)
	20:00 - 22:30	2.50	RIG	2	PICK UP NEW BI-CENTER BIT AND TRIP IN HOLE TAGGED PLUG @ 1989
	22:30 - 23:30	1.00	RIG	2	DRILL COMPOSITE BRIDGE PLUG, HAD SOME IRON COME OVER SHAKER (CAUGHT), APPEARS TO BE CASING SHAVINGS
	23:30 - 06:00	6.50	RIG	2	TRIP IN HOLE TO PERFORM FIT TEST/ FILL PIPE-BREAK CIRCULATION EVERY 33 STANDS
8/17/2007	06:00 - 07:00	1.00	RIG	2	CIRCULATE BOTTOMS UP FOR FIT TEST
	07:00 - 07:30	0.50	EQT	2	FIT TEST WITH 10.2 MW + 2130 PSI=EQUIV. TO 14.1 MW (TEST @ 10,608)
	07:30 - 08:30	1.00	DRL	5	DRILL REST OF BRIDGE PLUG (APROX. 1') THAT WAS PUSH TO BOTTOM
	08:30 - 16:30	8.00	DRL	1	DRILL FROM 10,608 TO 10,709
	16:30 - 18:00	1.50	CIRC	1	CIRCULATE AND BUILD PILL WITH SACK BAR (BAR BLOWER BELTS BROKE)
	18:00 - 22:30	4.50	TRP	10	TRIP OUT OF HOLE
	22:30 - 05:00	6.50	TRP	10	CLEAN RIG FLOOR/ MAKE UP NEW BIT AND TRIP IN HOLE
	05:00 - 06:00	1.00	REAM	1	WASH AND REAM 60' BACK TO BOTTOM AND FAN BOTTOM WITH NEW BIT (HAD PROBLEM WITH PUMP AIRING UP)
8/18/2007	06:00 - 12:30	6.50	DRL	1	DRILL FROM 10,709 TO 10,826 (ROP 18) WOB 6-10, 95 STROKES, DHRPM 90, BACK GROUND 80 UNIT'S,
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG, OVER RUNNING CLUTCH, TOP DRIVE, COMPOUND, BLOCKS, SWIVEL
	13:30 - 18:00	4.50	DRL	1	DRILL FROM 10,826 TO 10,925 (ROP 22' HR) SAME PERAMETERS, SLOWS DOWN TO 20' HR THEN TAKES OF DRILLING 40' HR
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 10,925 TO 11,236 (ROP 25' HR) SAME PERAMETERS,
8/19/2007	06:00 - 12:00	6.00	DRL	1	DRILL FROM 11,236' TO 11,409' WOB 10K, RPM 40, DRPM 100, MW 10.3 VISC

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/19/2007	06:00 - 12:00	6.00	DRL	1	47 BG 200, CG 800
	12:00 - 12:30	0.50	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 11,409' TO 11,536' SAME PARAMETERS
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,536' TO 11,875 SAME PARAMETERS @ 11620-11630 HAD SOME SLOW FT 8-12' HR
8/20/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 11,875 TO 12,083 (ROP 29.7' HR) WOB 8, ROT-40, DHRMP 100, MW-10.35, VIS 46, BACK GROUND GAS-200 UNITS
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 20:30	6.50	DRL	1	DRILL FROM 12,083 TO 12,190 (ROP 16.5' HR) WORK DIFFERNT PERAMETERS TO GET TO DRILL, NOT GETTING MUCH DIFF. PRESSURE
	20:30 - 21:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP, BUILD TRIP SLUG AND FILL TRIP TANK
	21:00 - 21:30	0.50	SUR	1	DROP SURVEY @ 12,149 AND PUMP PILL
	21:30 - 23:00	1.50	TRP	12	TRIP OUT OF HOLE TO SHOE,(AIR LEAK ON AIR BLOCK ON COMPOUND) COULDN'T GO FULL THROTTLE IT WOULD KICK OUT DRUM CLUTCH, LIMPED IT TO THE SHOE.
	23:00 - 23:30	0.50	RIG	2	WORK ON AIR BLOCK ON COMPOUND
	23:30 - 03:30	4.00	TRP	12	TRIP OUT OF HOLE TO CHANGE MOTOR AND BIT (23 BBL.S OVER CALC. FILL)
8/21/2007	03:30 - 04:30	1.00	TRP	12	HANDLE BHA LAY DOWN AND PICK UP MUD MOTOR, CLEAN RIG FLOOR
	04:30 - 06:00	1.50	TRP	12	MAKE UP BIT AND TRIP IN HOLE FILL @ BHA AND EVERY 3 ROWS OF PIPE,
	06:00 - 08:00	2.00	TRP	12	TRIP IN HOLE FILL @ BHA AND EVERY 33 STANDS
	08:00 - 09:00	1.00	RIG	2	REPAIR LINE GUIDE ROLLERS
	09:00 - 12:00	3.00	TRP	12	TRIP IN HOLE FILLING EVERY 3 ROW'S
	12:00 - 12:30	0.50	REAM	1	WASH AND REAM FROM 12,082 TO 12,192
	12:30 - 20:00	7.50	DRL	1	DRILL FROM 12,192 TO 12,262 (ROP 9.3' HR) TRY TO DRILL WITH ALL DIFFERNT PERAMETERS, COULDN'T GET A P-RATE OVER 10' HR
	20:00 - 21:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP, BUILD PILL, FILL TRIP TANK
	21:00 - 02:00	5.00	TRP	10	TRIP OUT OF HOLE
	02:00 - 03:00	1.00	TRP	10	HANDLE BHA, BROKE OFF BIT AND MAKE UP NEW BIT
8/22/2007	03:00 - 06:00	3.00	TRP	10	TRIP IN HOLE FILL @ BHA AND EVERY 33 STANDS
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE FILL EVERY 33 STANDS,INSTALL ROTATING HEAD
	07:00 - 08:00	1.00	RIG	6	CUT AND SLIP DRILLING LINE
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG- TOP DRIVE, FUNCTION TEST UPPER PIPE RAMS
	09:00 - 10:00	1.00	TRP	10	TRIP IN OPEN HOLE
	10:00 - 10:30	0.50	REAM	1	SAFETY WASH AND REAM FROM 12,132 TO 12,262 (NO HOLE FILL)
	10:30 - 06:00	19.50	DRL	1	DRILL FROM 12,262 TO 12,490 (ROP 11.6) WOB 6-15, RPM 40-60, DHRPM 100-120, GPM 230-265, BACK GROUND GAS 75-100, MW 10.3, VIS 48
	06:00 - 11:00	5.00	DRL	1	DRILL FROM 12,490 TO 12,574 (ROP 16.8' HR) WORKING ALL DIFFERNT PERAMETERS TO GET TO DRILL
8/23/2007	11:00 - 12:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, COMPOUND
	12:00 - 19:30	7.50	DRL	1	DRILL FROM 12,574 TO 12,671 (ROP 12.9' HR)
	19:30 - 20:30	1.00	OTH		STUCK SCREEN IN JOINT OF DRILL PIPE (HAD TO LAY DOWN)
	20:30 - 06:00	9.50	DRL	1	DRILL FROM 12,671 TO 12,793 (ROP 12.8' HR) WOB 8, RPM 58, DHRPM 115, BACK GROUND 700 UNITS, MW 10.4, VIS 53
	06:00 - 10:00	4.00	DRL	1	DRILLING FROM 12,793 TO 12,833 (ROP 10.0' HR) WORKING ALL DIFFERENT PERRAMETERS TO GET BIT TO DRILL
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	11:00 - 18:00	7.00	DRL	1	DRILLING FROM 12,833 TO 12,931 (ROP 14.0' HR) WOB 10-17, RPM 35-50, DHRPM 90-120, BACK GROUND GAS 800 UNITS, 5' FLARE, CONNECTIO GAS 1000 OVER BACK GROUND, MW 10.3, VIS 50
	18:00 - 06:00	12.00	DRL	1	DRILLING FROM 12,931 TO 13,093 (ROP 13.0' HR) WOB 10-15, RPM 35-50, DHRPM 90-120, BACK GROUND GAS 300 UNITS, NO FLARE, CONECTION GAS 1500 OVER BACK GROUND, MW 10.3, VIS 57

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1

Location: 35- 8-S 22-E 26

Rig Name: ENSIGN

Spud Date: 6/11/2007

Rig Release:

Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/25/2007	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 13,093 TO 13,125 (ROP 16' HR) WOB 12, ROT 40, BACK GROUND 300 UNITS,
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG, COMPOUND, TOP DRIVE
	09:00 - 21:30	12.50	DRL	1	DRILL FROM 13,125 TO 13275 WORK DIFFERNT PERAMETERS TO GET TO DRILL, SLOWED TO 9' HR
	21:30 - 22:00	0.50	SUR	1	DROP SURVEY
	22:00 - 23:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP, FILL TRIP TANK AND BUILD TRIP SLUG
8/26/2007	23:00 - 06:00	7.00	TRP	10	TRIP OUT OF HOLE TO CHANGE BIT AND MUD MOTOR
	06:00 - 06:30	0.50	TRP	10	TRIP OUT CHANGE MUD MOTOR AND BIT/ CLEAN RIG FLOOR
	06:30 - 07:30	1.00	TRP	10	TRIP IN HOLE FILL DRILL PIPE AFTER RUNNING IN BHA
	07:30 - 12:00	4.50	OTH		TROUBLE SHOOT CATHEAD, FOLLOW AIR, AND HYRIC LINES TO CAT HEADS, ENDED UP BEING A QUICK CONNECT ON TRUE TORQ BOX (ALSO CHNGED OUT SAVER SUB ON TOP DRIVE)
	12:00 - 16:30	4.50	TRP	10	TRIP IN HOLE FILLING PIPE EVERY 33 STANDS,INSTALL RATATING HEAD AT SHOE,
8/27/2007	16:30 - 17:00	0.50	REAM	1	WASH AND REAM FROM 13,225 TO 13,275 (NO HOLE FILL)
	17:00 - 06:00	13.00	DRL	1	DRILL FROM 13,275 TO 13,414 (ROP 10.6' HR) FAN BOTTOM WITH NEW BIT AND DRILL WITH LIGHT WEIGHT FOR 3 FT TO CLEAN UP BOTTOM, WORK DIFFERNT PERAMETERS TO GET TO DRILL
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 13,414 TO 13,515 (ROP 14' HR) WOB 5-15, RPM 55, DHRPM 115, MW 10.4, VIS 53, BG 2,000 UNIT ON GAS BUSTER, 3' FLARE
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, BLOCKS , SWIVEL, FUNCTION ANNULAR & HCR
	14:00 - 18:00	4.00	DRL	1	DRILL FROM 13,515 TO 13,595 (ROP 20' HR) SAME PERRAMETERS, MW 10.4, VIS 53, BG 1300 UNITS ON BUSTER, 3' FLARE
8/28/2007	18:00 - 06:00	12.00	DRL	1	DRILL FROM 13,595 TO 13,784 (ROP 15.75) WOB 14, RPM 45, DHRPM 105, MW 10.4, VIS 48, BG 900 UNIT ON GAS BUSTER, 1' FLARE
	06:00 - 13:30	7.50	DRL	1	DRILLING FROM 13,784 TO 13, 863 (ROP 10.5) WORK DIFFERNT PERAMETERS TO GET TO DRILL COULDN'T GET TO DRILL,
	13:30 - 15:00	1.50	CIRC	1	FLOW CHECK (NO FLOW) CIRCULATE BOTTOMS UP, BUILD TRIP SLUG AND FILL TRIP TANK
	15:00 - 21:30	6.50	TRP	10	TRIP OUT OF HOLE TO CHANGE BIT AND MUD MOTOR (MUD MOTOR NO GOOD) BIT NUBBED OFF ON PILOT BIT
	21:30 - 22:30	1.00	OTH		BREAK BIT AND MUD MOTOR AND LAY DOWN BOTH AND PICK UP NEW
8/29/2007	22:30 - 03:00	4.50	TRP	10	TRIP IN HOLE FILL @ BHA AND AFTER EVERY 33 STANDS
	03:00 - 04:00	1.00	RIG	1	SERVICE RIG, CHANGE OIL IN TOP DRIVE @ SHOE
	04:00 - 05:30	1.50	TRP	10	TRIP IN HOLE WITH 6 1/8 BIT
	05:30 - 06:00	0.50	REAM	1	WASH AND REAM 150' TO BOTTOM
	06:00 - 09:00	3.00	DRL	1	DRILL FROM 13,863 TO 13,937 (ROP 24.6' HR) WOB 4, RPM 32, DHRPM 91, MW 10.4, VIS 54, BG GAS 751 UNITS, NO FLARE
8/30/2007	09:00 - 10:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:00 - 22:30	12.50	DRL	1	DRILL FROM 13, 937 TO 14,173 (ROP 18.8) WOB 5, RPM 31, DHRPM 91, MW 10.5, VIS 56, BG GAS 541 UNITS, NO FLARE
	22:30 - 23:00	0.50	OTH		LAY DOWN WASHED JT OF DRILL PIPE
	23:00 - 06:00	7.00	DRL	1	DRILL FROM 14,173 TO 12,275 (ROP 14.2) WOB 4-6, RPM 31, DHRPM 91, MW 10.6, VIS 56, BG GAS 1500 UNITS ON BUSTER, 2 FT FLARE
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 14,275' TO 14,422' ( ROP @ 18.3' P/HR ) WOB 5 TO 8, RPM 35, DHRPM 92, MUD WT 10.6 PPG VIS 58, BG GAS F/ 850 TO 3685 UNITS, FLARE F/ 5' TO 20' ( RAISE MUD WT A POINT AT A TIME DUE TO TIGHT HOLE )
8/30/2007	14:00 - 15:00	1.00	RIG	1	RIG SERVICE
	15:00 - 18:00	3.00	DRL	1	DRILL FROM 14,422' TO 14,487' ( ROP @ 21.6' P/HR ) WOB 4 TO 7, RPM 35, DHRPM 92, MUD WT 11 PPG VIS 68, BG GAS F/ 550 TO 1850u, FLARE 5' TO 8' ( HOLE CONNECTION IS GOOD W/ MUD WT 11 PPG ) W/ NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 14,487' TO 14,682' ( ROP @ 16.2' P/HR ) WOB 4 TO 8, RPM 35,

**Questar E & P**  
**Operations Summary Report**

Page 16 of 16

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/30/2007	18:00 - 06:00	12.00	DRL	1	DHRPM 92, MUD WT 11 PPG, 64 VIS. BG GAS 600 TO 900 UNITS, 3' TO 10' FLARE W/ NO LOSSES
8/31/2007	06:00 - 18:00	12.00	DRL	1	DRILL FROM 14,682' TO 14,787' ( ROP @ 8.2' P/HR ) MUD WT 11.6 PPG, 58 VIS, RPM 35, DHRPM 92, BG GAS F/ 350 TO 1700 UNITS, FLARE 3' TO 5'
	18:00 - 19:00	1.00	DRL	1	DRILL F/ 14,787' TO 14,795' ( ROP @ 7' P/HR ) MUD WT 11.6 PPG, VIS 60, RPM 35, DHRPM 92, BG GAS F/ 275 TO 1500 UNITS
	19:00 - 20:00	1.00	TRP	10	FLOW CHECK - OK, DROP SURVEY & PUMP SLUG
	20:00 - 22:30	2.50	TRP	10	TRIP OUT OF HOLE F/ 14,795' TO CASING SHOE @ 10,580' FLOW CHECK @ SHOE - OK ( TIGHT HOLE @ 14,755', 14,722 & 14,685' )
	22:30 - 03:00	4.50	TRP	10	TRIP OUT OF HOLE TO SURFACE
9/1/2007	03:00 - 04:00	1.00	TRP	1	BREAK OUT BIT & MUD MOTOR REPLACE BIT & MUD MOTOR
	04:00 - 06:00	2.00	TRP	2	TRIP IN HOLE
	06:00 - 09:00	3.00	TRP	2	TRIP IN HOLE TO CASING SHOE @ 10,580' ( FILL UP PIPE EVERY 30 STDS )
	09:00 - 10:00	1.00	OTH		CUT 18 WRAPS OF DRILLING LINE
	10:00 - 18:30	8.50	RIG	2	ATTEMPT TO ADJUST DRAWWORKS BRAKES OBSERVED BRAKE BAN ON DRILLER SIDE ( CRACKED ) - REMOVE BOTH BANS AND WAIT ON A NEW SET OF BRAKE BANS
	18:30 - 23:30	5.00	RIG	2	INSTALL NEW BRAKE BANDS & BLOCKS
	23:30 - 00:30	1.00	OTH		SLIP 18 WRAPS DRILLING LINE
	00:30 - 03:00	2.50	TRP	2	TRIP IN HOLE
	03:00 - 04:00	1.00	REAM	1	WASH & REAM F/ 14,617' TO 14,795' W/ NO FILL
	04:00 - 06:00	2.00	DRL	1	DRILLED F/ 14,795' TO 14,805'
9/2/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 14,805' TO 14,909' ( ROP @ 11.5' P/HR. ) MUD WT 12 PPG VIS 58 W/ NO LOSSES
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 14,909' TO 14,940' ( ROP @ 15.5' P/HR. ) MUD WT 12 PPG VIS 61 W/ NO LOSSES
	18:00 - 02:30	8.50	DRL	1	DRILL FROM 14,940' TO 14,996' ( ROP @ 6.6' P/HR. ) MUD WT 12 PPG VIS 57 W/ NO LOSSES
	02:30 - 04:30	2.00	RIG	2	WASH PIPE LEAKING, REPLACE WASH PIPE
	04:30 - 06:00	1.50	DRL	1	DRILL FROM 14,996' TO 15,004' ( ROP @ 5.5' P/HR. ) MUD WT 12 PPG VIS 58 W/ NO LOSSES
	06:00 - 15:00	9.00	DRL	1	DRILL FROM 15,004' TO 15,100' ( ROP @ 10.7' P/HR ) MUD WT 12.2 PPG VIS 57 RPM 40 DHRPM 92
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 15,100' TO 15,133' ( ROP @ 16.5' P/HR ) MUD WT 12.2 PPG VIS 59 RPM 40 DHRPM 92
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 15,133' TO 15,230' ( ROP @ 8' P/HR ) MUD WT 12.2 PPG VIS 57 RPM 40 DHRPM 92
9/4/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 15,230' TO 15,295' ( ROP @ 7.2' P/HR ) ROP SLOWED DOWN TO 4' P/HR MUD WT 12.3 PPG VIS 55 RPM 40 DHRPM 92 W/ NO LOSSES
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 16:30	0.50	CIRC	1	DROP SURVEY & PUMP SLUG
	16:30 - 18:00	1.50	TRP	10	TRIP OUT OF HOLE F/ 15,295' ( TIGHT HOLE @ 15,204' 15,114' & 15,004' )
	18:00 - 00:00	6.00	TRP	10	TRIP OUT OF HOLE
	00:00 - 00:30	0.50	TRP	1	BREAK OUT BIT & MUD MOTOR
	00:30 - 01:30	1.00	TRP	1	MAKE UP NEW BIT & MUD MOTOR
	01:30 - 02:30	1.00	RIG	2	CHANGE OUT SAVER SUB ON TOP DRIVE
	02:30 - 06:00	3.50	TRP	2	TRIP IN HOLE W/ NEW BIT & MUD MOTOR

Printed: 9/4/2007 2:08:24 PM

**CONFIDENTIAL**43-047-38641  
35 85 22e

Questar E & P						Page 1 of 18
Operations Summary Report						
Well Name: WRU EIH 7AD-35-8-22 ST1				Spud Date: 6/11/2007		
Location: 35- 8-S 22-E 26				Rig Release: 9/13/2007		
Rig Name: ENSIGN				Rig Number: 24		
Date	From - To	Hours	Code	Sub Code	Description of Operations	
6/12/2007	06:00 - 17:00	11.00	DRL	1	MI RU BILL JR'S AIR RIG, DRILL 15" HOLE F/ SURFACE TO 1155'.. PU & RUN 26 JTS OF 10 3/4 40.5# J-55 ST&C, LANDED @ 1120' RD & MO RIG. RU BIG 4 CEMENTERS & CEMENT SURFACE W/ 20 BBL OF GELLED WATER, 900 SX OF CLASS "G" W/ 2% CACL2 & 1/4 PPS FLOWSEAL. DROP PLUG & DISPLACE W/ 106 BBL OF WATER, DID NOT BUMP PLUG, FLOATS DID NOT HOLD, SHUT IN HEAD & WATCH CEMENT F/ 30 MIN, STAYED @ SURFACE, CIRC 46 BBL OF CEMENT TO PITS. RD BIG 4 CEMENTERS. 100% RIGGED DOWN & READY F/ TRUCKS TO MOVE TO WRU EIH 7AD-35-8-22 MOVED OUT BACK YARD, MUD TANKS, BAR HOPPERS, FUEL TANKS, 1/2 OF FLARE BOX, PUMP, & OTHER MISC EQUIP. 50% OFF LOCATION, DERRICK STILL ON SUB. WO DAYLIGHT. RDMO, 85% OFF LOCATION ND BOP, NU TBG. SPOOL & TEST TO 7500 PSI F/ 15 MIN, W/ CAMERON, NU TREE ALSO. CALLED PRODUCTION TO INVITE THEM TO WITNESS ALL OF THIS BUT DECLINED, SIW W/100 PSI TO MOVE FLOW LINE TO THE OTHER SIDE OF THE "B" SECTION, SI F/ ABOUT AN HOUR, BACK SIDE PRESSURE 200 PSI WHEN W OPENED IT UP, SHOWING 1.1MMCFD ON SALES, AFTER 1 HOUR BACK TO 100 PSI & 550K TO SALES. LEFT WING VALVE ON THE RIGHT HAND SIDE W/ XXH 2" BULL PLUG, 1/2" 10K OFFSET NEEDLE VALVE & 5K GAUGE ON IT, VALVE IS CLOSED BUT LEAKING BY, NEEDLE VALVE ALSO LEAKING. TOLD CAMERON THEY WOULD HAVE TO CHANGE IT OUT. SDFN. CONTINUE MOVING OFF OF GB 1M 4-8-22R & RU ON WRU EIH 7AD 35-8-22, 95% OFF OLD LOCATION, 10% RIGGED UP ON NEW LOCATION. TRUCK DRIVERS ON LOCATION @ 07:00, MOVING IRON @ 07:30, SDFN @ 17:00. PRODUCTION RIGGED DOWN FLOW TESTERS @ 15:00 TODAY, SICP @ 18:00 300 PSI, HAVE SEEN 4100 PSI WHILE WE WERE WORKING ON BOP TEST SO MAY NEED TO MONITOR PRESSURES, IT'S UP TO THEM. 50 % SET IN AND 10% RIGGED UP/SET NEW MUD TANKS (SHAKERS ON PITS), #2 PUMP, LIGHT PLANT, DIESEL TANKS, CHANGE HOUSE, PUT COMPOUND TOGETHER, STEAM CLEAN GAS BUSTER, (WORKING WITH 7 HANDS ON LOCATION AND 3 HANDS IN SHOP WORKING ON DRAW WORKS) DRAW WORKS HAD A SPUN JACK SHAFT(SHOULD HAVE NEW ONE TOMORROW FROM CASPER) PUT A NEW ROTARTY BEARING IN- PUMP #1 JUST FINISHING UP WITH SHUT DOWN UNTIL MORNING 60% SET IN, 15 % RIGGED UP-SET IN SHAKER LINE, READY AND SET IN MUD CLEANERS, READY TANKS FOR CENTERFUGES, BUILD SPOOL FOR CHOKE HOUSE AND SET CHOKE HOUSE, BUILD LINES FOR GAS BUSTER VENT (CLEAN DERRICK WITH HOT OILER) SHUT DOWN UNTIL MORNING 60% SET IN, 15% RIGGED UP- SET CENTERFUGES, NEW PREMIX TANK AND RIG UP, PUT VENT LINE AND CHOKE LINE ON BUSTER AND SET IN GAS BUSTER/ PUT BLIND FLANGES ON T-BLOCKS, FLARE BOX, STARTED TO WIRE IN MUD TANKS, PAINTED ON DERRICK (FABRICATING CHOKE TO BUSTER MOST OF THE DAY) SHUT DOWN FOR THE NIGHT 80% SET IN AND 25% RIGGED UP WELD ON LINES FROM BUSTER TO CHOKE HOUSE, SET OFF DRILLER DOG HOUSE ON FLOOR, PUT DERRICK TOGETHER AND PUT ON RIG FLOOR, WIRE IN MUD PITS (WELD ON ONE SUCTION LINE), PULLED OUT #2 PUMP CLUTCH PADS WORE (WAITING ON	
	17:00 - 19:00	2.00	CSG	2		
	19:00 - 23:00	4.00	CMT	2		
6/17/2007	15:00 - 06:00	15.00	LOC	4		
6/18/2007	06:00 - 18:00	12.00	LOC	4		
6/19/2007	18:00 - 06:00	12.00				
	06:00 - 15:00	9.00	LOC	3		
	15:00 - 20:00	5.00	BOP	1		
6/20/2007	20:00 - 06:00	10.00	LOC	3		
	07:00 - 17:00	10.00	LOC	3		
	00:00 -					
6/21/2007	07:00 - 17:00	10.00	LOC	3		
6/22/2007	17:00 - 07:00	14.00	OTH			
	07:00 - 19:00	12.00	LOC	3		
6/23/2007	19:00 - 07:00	12.00	OTH			
	07:00 - 19:00	12.00	LOC	3		
6/24/2007	19:00 - 07:00	12.00	OTH			
	07:00 - 19:00	12.00	LOC	4		

Printed: 10/4/2007 1:10:07 PM

**RECEIVED****OCT 05 2007****DIV. OF OIL, GAS & MINING**

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1

Location: 35- 8-S 22-E 26

Rig Name: ENSIGN

Spud Date: 6/11/2007

Rig Release: 9/13/2007

Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/24/2007	07:00 - 19:00	12.00	LOC	4	DRAW TOOL, #1 MUD PUMP FROM SHOP, ALOT OF PLUMBING TO DO ON MUD TANKS), RECEIVED HIGH PRESSURE ROTATING HEAD SHUT DOWN FOR THE NIGHT
6/25/2007	19:00 - 07:00	12.00	OTH	4	100% SET IN 25% RIGGED UP FAB IN CHOKE HOUSE, GAS BUSTER RE-TURN LINE, SET IN DRAW-WORKS, PUMP, DOG HOUSE AND KOOMY HOUSE, FABING ON MUD TANKS, SET IN ROTATING HEAD, STRING UP DERRICK (ALOT OF WIRING LEFT ON THE MUD TANKS, STILL SOME WELDING ON THE MUD TANKS SUCTION LINE, LANDING, MISC.)
	07:00 - 13:00	6.00	LOC		WORKING ON MUD TANKS (ALOT OF WIRING LEFT ON THE MUD TANKS, STILL SOME WELDING ON THE MUD TANKS SUCTION LINE, LANDING, MISC.) SHUT DOWN FOR THE NIGHT
6/26/2007	13:00 - 19:00	6.00	LOC	1	100% SET IN, 40% RIGGED UP, FIX AIR LEAKS ON DRAW-WORKS-ALOT OF CONSOLE HOSE LEAKING AND AIR BLOCK LEAKING (FIXED), WIRE MUD TANKS (STILL HAVE ABOUT 2 DAYS OF WIRING LEFT) STILL WORKING ON THE PLUMBING IN PITS, LAY OUT FLARE LINES, TOP DRIVE HAND RAN ALL CORDS THAT HE COULD, INSTALL 6" LINERS IN #2 PUMP, ON RIG DOWN TIME FOR FABRICATING ON PITS AND ELECTRIC, LOOK OVER DERRICK TO RAISE, STRING OUT LINES IN DERRICK
	19:00 - 07:00	12.00	OTH	4	SHUT DOWN FOR THE NIGHT
6/27/2007	07:00 - 19:00	12.00	LOC	4	100% SET IN, 55% RIGGED UP, WILL BE CLOSE TO FINISHING WIRING PITS AND FABING TO DAY, INSTALL 6" LINERS IN #1 PUMP AND CLUTCH IN #2 PUMP, BLADDER IN #2 PUMP IS BAD (ORDERED NEW ONE), FIX QUIK LEASE ON HIGH DRUM CLUTCH, TIE DOWN DRAW WORKS, FABING ON MUD TANKS, GENERAL RIG UP- HOOKING UP OF KOOMY LINES, WATER RUNNING AROUND RIG, WIRE IN SHALE PIT, CUT OUT FLOW LINE TO FAB INTO BUSTER
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/28/2007	07:00 - 19:00	12.00	LOC	4	70% RIGGED UP/ RAISE DERRICK @ NOON, PUT IN ORBIT VALVE, ROTARTY GAURD AND CHAIN, START WELDING IN FLOW LINE, SET IN MANIFOLD FOR BAR DISCHARGE AND WELD IN THREAD E-LET IN GUN LINE FOR BAR INPUT, PUT IN WATER LINE ON MUD TANKS, FAB SUCTION LINES FOR PITS TO PUMPS (ABOUT ONE MORE DAY, LEFT OF WIRING ON MUD TANKS, ALSO WELDING ON— RIG REPAIR FOR THE LAST 3 1/2 DAYS (WIRING AND FABING ON MUD TANKS RUNNING 4 WELDERS AND TWO ELECTRITIONS)
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/29/2007	07:00 - 19:00	12.00	LOC	4	UN BRIDLE, RIG UP ROTARY TOOLS, PICK UP NEW SWIVEL AND INSTALL SWIVEL PACKING, RIG UP BAR HOPPERS, FINISH WELDING IN FLOW LINE, INSTALL INTER COM SYSTEM FOR DERRICKMAN AND DRILLER COMMUNICATION, WELD ON TANKS EXHAUST HOLDERS, STILL WIRING (TESTED ROTATION OF PUMPS AND AGITATORS) TODAY ONLY ONE ELECTRITION TODAY AND 2 1/2 WELDERS, RIGGED UP CHOKE CONTROLS (ZECO), SET IN PIPE 5" PIPE TUBS IN FRONT YARD
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
6/30/2007	07:00 - 19:00	12.00	LOC	4	RIG UP TOP DRIVE, READY PITS TO FILL (PLUMBING, CLEAN OUT), WORK ON YELLOW DOG, START CLEAN UP AROUND RIG, SET BHA ON RACKS, INSTALL MUFFLER BRACES AND EXTENTIONS, MARK ALL LINES IN PITS ON PLATES ON TOP OF GRATING, WIRE IN J-BOX FOR PASON, —DRILLER IN TRAINING HAVE PROBLEM KEEPING HANDS LINED OUT ( WILL BREAK TOUR TODAY) CALLED BLM FOR TEST ON 6-30-07 @ NOON (ONLY GOT MESSAGE, LEFT A VOICE MAIL WITH RAY ARNOLD)
	19:00 - 07:00	12.00	OTH		SHUT DOWN FOR THE NIGHT
7/1/2007	06:00 - 11:30	5.50	BOP	1	FILL MUD TANKS UP WITH WATER (FIX LEAKS IN PITS—FITINGS), PUT SET AVARIBLE RAMS IN LOWER SINGLE GATE, TORQUE BOPE CALLED BLM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2007	06:00 - 11:30	5.50	BOP	1	AGAIN @ 8:00 AM LEFT MESSAGE ON VOICE MAIL @ JAMEY SPARGER, RAY ARNOLD VOICE MAIL (NO RESPONSE)
	11:30 - 17:00	5.50	BOP	2	PRESSURE TEST BOPE 5,000 PSI TEST, (MUD CROSS LEAKING TIGHTENED UP) 250 LOW TEST 5 MIN 5000 HIGH 10 MIN. TEST LOWER, UPPER KELLY VALVE, TIW, DART, UPPER AND LOWER PIPES, BLIND HCR, CHOKE MANIFOLD 250 LOW TEST 5 MIN 3500 HIGH 10 MIN. TEST ANNULAU (BLM DID NOT OBSERVE TEST)
	17:00 - 17:30	0.50	OTH		PRESSURE TEST CASING FOR 30 MIN. 1500 PSI
	17:30 - 18:30	1.00	OTH		INSTALL WEAR BUSHING (TIGHTEN 4 PINS)
	18:30 - 06:00	11.50	RIG	2	PULL PUMP'S OUT OF HOPPER HOUSE TO SEE WHAT SIZE IMPELLER (11") IS ON PUMP HOPPER KEEPS SHUTTING DOWN (OVER HEATING--PULLING TO MAY AMPS 80) PUMPING JUST WATER NIGHT CREW ONLY HAS 3 HANDS THAT SHOWED UP TO WORK, WHILE WAITING FOR IMPELLERS AND MOTOR (CASPER) PRESSURE TEST MUD LINE SWIVEL PACKING LEAKING (PACKING IS THE OLD ONE OUT OF OLD CRACKED SWIVEL) AND FLANGE ON #1 PUMP, STRAIGHTEN UP LOCATION
7/2/2007	06:00 - 12:00	6.00	RIG	2	PUT IN NEW 50 HP MOTOR AND 10" IMPELLER IN HOPPER PUMPS, BUILD HI VIS PILL AND CIRCULATE THRU HOPPER AND WEIGHTED PILL (10.2) THRU HOPPER PULLING 34-35 AMPS MOTORS CAN HANDLE 50-60 AMPS
	12:00 - 13:00	1.00	RIG	1	GREASE RIG AND TOP DRIVE
	13:00 - 14:00	1.00	TRP	1	MAKE UP 8 3/4 BIT ON STABILIZED MOTOR
	14:00 - 22:00	8.00	RIG	2	REPAIR BROKEN CABLE ON MAKE UP SIDE, CHECKED TO SEE WHY DRAW TOOL WAS SO DOGGY, AFTER LOOKING OVER EQUIPMENT #2 AND #3 MOTOR CLUTCH WASN'T KICKING IN, FOLLOWED LINES BACK TO AIR BLOCK, TOOK AIR BLOCK OFF- GASKET WAS IN BAD SHAPE-FELL APART, MADE A GASKET REPLACED WITH SAME, STILL DIDN'T WORK CORRECTLY WHEN KICK IN #3 MOTOR #1 PUMPCLUTCH WOULD KICK IN AND THE SAME WITH #2 PUMP AND #2 MOTOR, THOUGHT ROTO-SEAL WAS BAD SO REPLACED (NO GOOD), FOLLOW THE MESS OF LINES BACK AND FOUND THE LINES THAT WERE CROSSED
	22:00 - 00:30	2.50	TRP	1	PICK BHA TO DRILL OUT
	00:30 - 02:30	2.00	DRL	4	TAGGED CEMENT @ 1096 DRILL FLOAT EQUIPMENT AND 10' OF NEW FORMATION, CEMENT SOFT AND FLAKY
	02:30 - 03:00	0.50	CIRC	1	CIRCULATE UNTIL SHAKERS CLEARED UP FOR FIT TEST
	03:00 - 03:30	0.50	EQT	2	FIT TEST WITH 8.4 MUD WEIGHT @ 1152 WITH 168 PSI = EQUIV TO 11.2 MUD WEIGHT
	03:30 - 04:00	0.50	DRL	1	DRILL FROM 1152 TO 1200 (ROP 96' HR.) WOB 8 HHRPM 100 GMP 388
	04:00 - 04:30	0.50	OTH		INSTALL ROTATING HEAD RUBBER
7/3/2007	04:30 - 06:00	1.50	DRL	1	DRILL FROM 1200 TO 1293 (ROP 62' HR) SAME PERAMETERS
	06:00 - 10:00	4.00	DRL	1	DRILL FROM 1,293 TO 1,576 (ROP 70.75 FT HR) WOB 8-10, DHRPM 110, GPM 384
	10:00 - 10:30	0.50	SUR	1	SURVEY @ 1481 .6 DEG, AZ 191.7
	10:30 - 15:00	4.50	DRL	1	DRILL FROM 1,576 TO 1,859 (ROP 62.8 FT HR.) SAME PERAMETERS
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE FUNTION PIPE RAMS/ CHANGED OIL IN #1 LIGHT PLANT (#2 LIGHT PLANT NOT RUNNING PROPER)
7/4/2007	16:00 - 19:00	3.00	DRL	1	DRILL FROM 1,859 TO 2,048 (ROP 63 FT HR.) SAME PERAMETERS
	19:00 - 19:30	0.50	SUR	1	SURVEY @ 1953 .5 DEG, 192.6 AZ.
	19:30 - 03:30	8.00	DRL	1	DRILL FROM 2,048 TO 2615 (ROP 71 FT HR.)
	03:30 - 04:00	0.50	SUR	1	SURVEY @ 2525 .4 DEG, 161 AZ.
	04:00 - 06:00	2.00	DRL	1	DRILL FROM 2615 TO 2750 (ROP 47 FT HR.)
	06:00 - 11:30	5.50	DRL	1	DRILL FROM 2,750 TO 3,178 (ROP 77.8 FT HR.) WOB 10-15 ROT-60 GPM-387 DHRPM-110
	11:30 - 12:00	0.50	SUR	1	SURVEY AT 3107 .9 DEG 175.7 AZ

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/4/2007	12:00 - 13:30	1.50	DRL	1	DRILL FROM 3,178 TO 3,273 (ROP 63 FT HR.) SAME PERAMETERS
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:30 - 20:30	6.00	DRL	1	DRILL FROM 3,273 TO 3,649 @3410 CONNECTION HAD 1/4 INCH TRONA WATER FLOW ON CONECTION (ROP 63 FT HR)
7/5/2007	20:30 - 21:00	0.50	SUR	1	SURVEY AT 3581 1.2 DEG 157.3 AZ
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 3,649 TO 4,212 (ROP 63 FT HR.) SAME PERAMETERS
	06:00 - 06:30	0.50	SUR	1	WIRELINE SURVEY @ 4140', MIS RUN, TOOL DIDN'T RESET
	06:30 - 08:30	2.00	DRL	1	DRILL 4212' - 4307', 95', 47/5 FPH, WOB 10K, RPM 109, 60 ON SURFACE, 509 DOWN HOLE, 384 GPM.
	08:30 - 09:00	0.50	SUR	1	WIRELINE SURVEY @ 4302', MIS RUN, TOOL DIDN'T RESET SAME AS LAST TIME, DRILLER NOT GIVING TOOL ENOUGH TIME TO CLEAR.
	09:00 - 10:30	1.50	DRL	1	DRILL 4307' - 4401', 94', 62.66 FPH, SAME PARAMETERS
	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, REPLACE CROWN WIRE ON PASON, FUNCTION LOWER PIPE RAMS.
7/6/2007	11:30 - 14:30	3.00	DRL	1	DRILL 4401' - 4587', 186', 62 FPH, SAME PARAMETERS
	14:30 - 15:00	0.50	SUR	1	WIRELINE SURVEY @ 4522' 1.2 DEG, 169.2 AZ. GOOD SURVEY
	15:00 - 03:00	12.00	DRL	1	DRILL 4587' - 5155', 568', 47.33 FPH, SAME PARAMETERS
	03:00 - 03:30	0.50	SUR	1	WIRELINE SURVEY @ 5090' 1.3 DEG., 169.3 AZ.
	03:30 - 06:00	2.50	DRL	1	DRILL 5155' - 5233', 78', 31.2 FPH, SAME PARAMETERS
	06:00 - 13:00	7.00	DRL	1	DRILL 5255' - 5532', 277', 39.5 FPH, 15K WOB, RPM 110, 49 RPM DOWN HOLE, 384 GPM
	13:00 - 14:00	1.00	CIRC	1	PUMP HIGH VIS SWEEP & CIRC OUT OF HOLE
	14:00 - 14:30	0.50	SUR	1	DROP SURVEY @ 5467', PUMP PILL
	14:30 - 18:00	3.50	TRP	10	TOH W/ BIT #1
	18:00 - 18:30	0.50	TRP	10	MU BIT, RETRIEVE SURVEY, 5467', 1.3, 157.2
7/7/2007	18:30 - 22:30	4.00	RIG	2	REPAIR TOP DRIVE, HOSES WALKING IN SADDLE
	22:30 - 01:00	2.50	TRP	10	TIH, TO 5437'
	01:00 - 03:30	2.50	FISH	6	FILL PIPE, TRY TO CIRC, PACKED OFF/ BIT PLUGGED, WORK TIGHT HOLE & JAR OUT 10'
	03:30 - 06:00	2.50	TRP	2	TOH F/ PLUGGED BIT & MOTOR
	06:00 - 07:00	1.00	TRP	2	FINISH TOH F/ PLUGGED BIT. PLUGGED ON TOP OF FLOAT IN MOTOR, IBS, 7 10' OF THE MONEL.
	07:00 - 07:30	0.50	OTH		UNPLUG IBS & MONEL.
	07:30 - 20:00	12.50	RIG	2	FUNCTIONED TOP PIPE RAMS, LOST ALL OF OUR FLUID IN KOOMY, CHECKED IT OUT AND FOUND INSIDE RAM SEAL LEAKING INTO STACK. LOOKING FOR A RENTAL STACK. NO NEW STACK ANY WHERE. OPENED DOORS, VBR'S APPEARED TO HAVE BEEN PULLED THROUGH, PACKER RUBBERS TORN UP & SOME OF THE STEEL FIGERS WERE BROKEN. WILL INSTALL ENSIGN'S 5' RAM BLOCKS UNTIL WE CAN GET MORE VBR'S.
					ORDERED FORM KNIGHT 7/6/07 @ 15:00. TOOL PUSHER CHECKED N2 BOTTLES, ALL BUT 3 CHECKED 1K OR BETTER, THE 3 WERE 600, 950, & 950
	20:00 - 01:30	5.50	RIG	2	REPLACE RAM SEAL ON DRILLERS SIDE OF STACK ON UPPER PIPE RAMS, CHECK OUT KOOMY, REPLACE POP OFF. PULL WEAR BUSHING, RU IPS TESTERS & TEST UPPER PIPES TO 250/5 MIN, & 5K F/ 10 MIN. RD TESTER, REPLACE WEAR BUSHING.
	01:30 - 06:00	4.50	TRP	2	PU NEW BIT & MOTOR, TIH FILLING PIPE @ BHA, AND EACH ROW CLEARING BIT EACH TIME.
7/8/2007	06:00 - 07:00	1.00	TRP	10	TIH TO 5062', FILLING PIPE AND CLEARING BIT @ BHA & EACH ROW
	07:00 - 07:30	0.50	REAM	1	5062' - 5376'.
	07:30 - 03:00	19.50	FISH	3	MADE CONNECTION @ 5376', FILLED PIPE & PACKED OFF AS SOON AS PUMP PRESSURED UP, WORK PIPE, JAR OUT 1 JOINT, LD 1 JOINT, JAR OUT ANOTHER JOINT, LD 2 JOINTS, JAR OUT 1 & 3/4 OF ANOTHER JOINT. PULLING 200K OVER THE TOOL JOINT IS AT THE FLOOR. MADE 10' SINCE

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/8/2007	07:30 - 03:00	19.50	FISH	3	21:00 LAST NIGHT.
	03:00 - 05:00	2.00	OTH		INSPECT DERRICK PINS & TOP DRIVE, PINS AND KEEPERS FALLING OUT OF DERRICK ALONG W/ INTERCOM FROM BOARD.
					BACK TO JARRING ON DRILL STRING.
7/9/2007	05:00 - 06:00	1.00	FISH	3	RU TONGS IN DERRICK TO LD A DOUBLE FOR MORE CROWN CLEARANCE
	06:00 - 09:30	3.50	FISH	3	REPAIR TOP DRIVE, HYDRAULIC LINE BROKEN TO GRABBER AMONG ALL LINES ON TOP OF TOP DRIVE. HAD TO REMOVE ALL LINES TO GET TO THE ONE WE NEEDED.
	09:30 - 11:30	2.00	RIG	2	REPAIR COMPOUND OILER PUMP
					JARRING ON DRILL STRING, SET OFF JARS @ 90K OVER & PULL FROM 360K TO 405K, NO MOVEMENT, NO CIRC, OR NO ROTATION
	11:30 - 12:00	0.50	RIG	2	REPAIR ROTARY CHAIN GUARD PULLED WHILE BREAKING OUT DOUBLE F/ CROWN CLEARANCE. TRY TO PULL BULL PLUG F/ SWIVEL.
	12:00 - 13:00	1.00	FISH	3	HEAT BULL PLUG AND TRY TO PULL, NO LUCK, PULL ROTARY HOSE TO PULL GOOSE NECK, PUSHER DECIDED TO TRY TO PULL BULLPLUG, RU TUGGER & 36, ABLE TO PULL PLUG.
	13:00 - 15:00	2.00	RIG	2	SAFETY MEETING W/ DTC
	15:00 - 18:30	3.50	OTH		RU DTC, RIH & FREE POINT, FREE AT TOP OF COLLARS, STUCK @ TOP OF #1, PARTIALY STUCK @ TOP OF #2, FREE @ TOP OF #3, POH F/ STRING SHOT.
	18:30 - 19:00	0.50	FISH	4	RIH TO TOP OF DC #3, & SPOT SHOT, & BACK OFF @ 5091', PUTS BIT DEPTH @ 5261', POOH W/ WIRELINE. RD DTC.
	19:00 - 21:30	2.50	FISH	4	WORK OUT 40' UNTIL FREE, PULLING 80K OVER @ TIMES.
	21:30 - 00:00	2.50	FISH	4	DISPLACE HOLE W/ 3% KCL MUD, WASH BACK TO TOF @ 5091', C&C MUD F/ TOH. LEFT IN HOLE, BIT, MUD MOTOR, IBS, MONEL, IBS, & 3 DCS. 170' OF FISH. BIT DEPTH 5261'
	00:00 - 01:00	1.00			C & C, PUMP PILL & CIRC BOTTOMS UP
	01:00 - 06:00	5.00	CIRC	1	TOH, KNOWN ALL NIGHT WE WERE GOING TO TRIP, NO PILL MIXED, PULLED 6 STANDS.
7/10/2007	06:00 - 07:00	1.00	CIRC	1	C&C, MIX & PMP PILL
	07:00 - 07:30	0.50	TRP	2	TOH F/ FISHING ASSM
	07:30 - 08:30	1.00	CIRC	1	LD JARS, PU FISHING TOOLS
	08:30 - 11:00	2.50	TRP	2	TIH, NEED TO ADJUST BRAKES
	11:00 - 12:30	1.50	TRP	1	SERVICE RIG, TOP DRIVE, & ADJUST BRAKES.
	12:30 - 14:00	1.50	TRP	2	TIH W/ FISHING TOOLS.
	14:00 - 15:00	1.00	RIG	1	CIRC & WASH TO TOP OF FISH, 30+' OF FILL ABOVE FISH, ENGUAGE FISH & SCREW INTO IT.
	15:00 - 17:00	2.00	TRP	2	JAR ON FISH, UP & DOWN TRYING TO GET ANY MOVEMENT ANY DIRECTION
	17:00 - 19:00	2.00	CIRC	1	RIG UP LOGERS & RUN SINKER BAR TO 5091'
	19:00 - 00:30	5.50	FISH	3	RUN IN W/ FREEPOINT & CHANGE TOOL
	00:30 - 03:00	2.50	FISH	4	POOH W/ FREE POINT TOOL, MU STRING SHOT TOP COLLAR FREE, COLLAR #2 PARTIALY STUCK, COLLAR #3 STUCK, WIL TRY TO RECOVER 2 MORE COLLARS.
	03:00 - 05:00	2.00	FISH	4	MU STRING SHOT, RIH TO BACK OFF, MADE MANUAL BACK OFF ( TOP DRIVE QUILL?????) WORKED TORQUE BACK INTO DRILL STRING, AND BACKED OFF @ 5151'
7/11/2007	05:00 - 06:00	1.00	FISH	4	PU DRILL STRING, TOP DRIVE POPPED TWICE, PULLED GRABBER OFF, LD 4 JTS OF DP.
	06:00 - 08:00	2.00	FISH	4	REPAIR TOP DRIVE, TO MUCH JARRING. QUILL WAS HOLDING BY 1", GRABBER ARM HELD BY ELEVATORS, SEPERATED GRABBER HYD. CYLINDER & PULLED SEVERAL LINES APART. WILL COMPLETLY INSPECT TOP DRIVE WHILE WOC.
	08:00 - 09:30	1.50	TRP	2	TOH W/ FISH #2, MIX & PUMP PILL, PULL ROTATING HEAD RUBBER, PULLER
	09:30 - 13:00	3.50	RIG	2	
	13:00 - 19:00	6.00	TRP	2	

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/11/2007	13:00 - 19:00	6.00	TRP	2	BROKE, TUGGER & WINCH WENT TO THE CROWN. LD FISHING TOOLS & FISH, RECOVERED 2 DCS, TOOLS LEFT IN HOLE. BIT, MOTOR, IBS, MONEL, IBS, & 1 DC.
	19:00 - 23:30	4.50	TRP	2	CLEAN FLOOR & TIH W/ CEMENT STINGER ON THE END OF DP, STINGER IS A JOINT OF DP ORANGE PEELED W/ 21 1/2" HOLES ON 20 DEG. PHASING, P/U 15 JTS D/P
	23:30 - 00:00	0.50	REAM	1	W&R 30' TO TOF
	00:00 - 02:30	2.50	CIRC	1	CIRC & RU HES
	02:30 - 03:30	1.00	CMT	4	CHANGE OVER & TEST LINES TO 1K, PUMP 10 BBL OF WATER, 200 SACKS OF "G" W/ .75% CFR3, WT 17.5 PPG, YIELD .94, 33.4 BBL OF SLURRY. DISPLACE W/ 2.3 BBL OF WATER, & 76.5 BBL OF MUD, SHUT DOWN, PRESSURES FELL TO -23 PSI, BREAK OFF HARD LINE, PLUG IN PLACE @ 03:30
	03:30 - 04:00	0.50	TRP	2	TOH STARTED OFF BOTTOM, PULLED TIGHT THE VERY FIRST THING, WORKED PIPE 2-3 TIMES, NO GOOD MOVEMENT, TRIED TO CIRC OUT CEMENT, PRESSURED UP TO 1K AND HELD.
7/12/2007	04:00 - 05:00	1.00	FISH	6	WORK STUCK PIPE. & KEEP PRESSURE ON STRING CAME LOOSE @ 05:00 @ 375K
	05:00 - 06:00	1.00	CIRC	1	CIRC OUT CEMENT
	06:00 - 07:00	1.00	CIRC	1	CIRC OUT CEMENT & WORK PIPE
	07:00 - 12:30	5.50	TRP	2	TRIP OUT W/ SPHERE & STRAP OUT 2' DIFFERENCE
	12:30 - 16:00	3.50	TRP	1	TRIP IN WITH BIT
	16:00 - 19:00	3.00	REAM	1	REAM LAST 3 STDs ( DRLG CEMENT FROM 5136' TO 5151')
7/13/2007	19:00 - 05:00	10.00	CIRC	1	CIRC & COND MUD BRING WT 9 PPG, VIS 45, PH 11, WL 10.0 & RIG SVC AND FUNCTION ANNULAR
	05:00 - 06:00	1.00	TRP	14	SHORT TRIP 10 STDs
	06:00 - 07:00	1.00	TRP	14	SHORT TRIP 10 STANDS, 15' OF FILL
	07:00 - 09:00	2.00	CIRC	1	CIRC & COND, MIX & PUMP 100+ VIS SWEEP, NOT MUCH BACK, MIX PILL
	09:00 - 11:30	2.50	TRP	2	TOH TO PU CEMENT STINGER. LD 1 JT. XO, BIT SUB, & BIT
	11:30 - 13:30	2.00	TRP	2	PU CEMENT STINGER & TIH, WASH 90' TO BOTTOM, NO FILL.
7/14/2007	13:30 - 16:30	3.00	CIRC	1	CIRC & COND, MIX & PUMP HI VIS SWEEP, RU HES, HOLD SAFETY MEETING
	16:30 - 17:30	1.00	CMT	4	RU HES, PUMP 10 BBL OF WATER, 290 SACKS OF "G" W/ .75% CFR3, 3.8 BBL OF WATER, & DISPLACE W/ 74 BBL OF MUD, WT OF CEMENT 17.5 PPG, YIELD .94, 48.55 BBL OF SLURRY, PLG IN PLACE @ 17:30 UNDISTURBED. PRESSURES WERE RIGHT WHERE THEY SHOULD BE.
	17:30 - 18:00	0.50	TRP	14	PULLED 11 STANDS SLOW.
	18:00 - 18:30	0.50	CIRC	1	CIRC BOTTOMS UP TO CLEAR DP & CLEAN HOLE.
	18:30 - 21:00	2.50	TRP	2	TRIP OUT WITH SPHERE
	21:00 - 06:00	9.00			W O C & INSPECT TOP DRIVE
7/15/2007	06:00 - 16:30	10.50	RIG	2	WORK ON TOP DRIVE & GRABBER RAM, RPM GAUGE & WAIT ON DIR TOOLS
	16:30 - 18:00	1.50	RIG	6	CUT & SLIP DRLG LINE
	18:00 - 20:30	2.50	OTH		RIG UP MWD
	20:30 - 01:30	5.00	DRL	3	PICK UP DIR TOOLS & ORIENT
	01:30 - 04:00	2.50	TRP	2	TRIP IN PICK UP JARS SLM DRILL PIPE FILL PIPE @ BHA EVERY 2 ROWS
	04:00 - 05:30	1.50	DRL	4	TAGGED UP CEMENT @ 4820 WASH, REAM TO 4837' (17' )
7/16/2007	05:30 - 06:00	0.50	DRL	7	TIME DRLG @ 5 MINUTES AN INCH
	06:00 - 00:00	18.00	DRL	2	TIME DRLG FROM 4837' TO 4870' @ 5 MIN AN INCH (WT 9.1 VIS 42, 3.5 FPH WOB 4K )
	00:00 - 01:00	1.00	RIG	1	RIG SERVICE & FUNCTION UPPER RAMS
	01:00 - 04:30	3.50	DRL	2	ROTAT FROM 4870' TO 4901' (WOB 4.9K, RPM 96, 7' FPH , VIS 42, WT 9.1.)
	04:30 - 05:00	0.50	SUR	1	SURVEY 4851'
	05:00 - 06:00	1.00	DRL	2	SLIDE FROM 4901' TO 4912' (WOB 4.9K, RPM 96, 7' FPH , VIS 42, WT 9.1.)
7/16/2007	06:00 - 06:30	0.50	DRL	2	ROTATE 4912- 4936', 24', 48 FPH, 15K WOB, 97 RPM, 52 DOWN HOLE, 45 ON

**Questar E & P**  
**Operations Summary Report**

Page 7 of 18

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/16/2007	06:00 - 06:30	0.50	DRL	2	SURFACE.
	06:30 - 06:45	0.25	SUR	1	SURVEY @ 4883' .41, @ 248.66
	06:45 - 08:00	1.25	DRL	2	ROTATE 4936' - 4965', 29', 19.33 FPH, SAME PARAMETERS
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	09:00 - 11:30	2.50	DRL	2	ROTATE 4965' - 5028', 63', 25.2 FPH, SAME PARAMETERS
	11:30 - 12:00	0.50	SUR	1	SURVEY @ 4975' 1.37, @ 315.1
	12:00 - 13:00	1.00	DRL	2	SLIDE 5028' -5039', 11', RPM 52, WOB 12-15K
	13:00 - 16:45	3.75	DRL	2	ROTATE 5039' - 5123', 84', 22.4 FPH, SAME PRAMETERS
	16:45 - 17:00	0.25	SUR	1	SURVEY @ 5070' .53 @ 246.75
	17:00 - 22:30	5.50	DRL	2	DRILL 5123' - 5219'
	22:30 - 22:45	0.25	SUR	1	SURVEY @ 5168' .53 @ 213.97
	22:45 - 03:00	4.25	DRL	2	DRILL 5219' - 5312'
	03:00 - 03:15	0.25	SUR	1	SURVEY @ 5263' .53 @ 213.97
	03:15 - 06:00	2.75	DRL	2	DRILL 5263' - 5385'
	06:00 - 09:00	3.00	DRL	2	ROTATE - 5374' -5405'
	09:00 - 09:15	0.25	SUR	1	SURVEY @ 5232' INC.07,DIR122.36
	09:15 - 10:00	0.75	DRL	2	ROTATE 5405 - 5434'
7/17/2007	10:00 - 11:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP
	11:30 - 14:30	3.00	TRP	10	POOH TO L/D DIR TOOLS
	14:30 - 16:00	1.50	TRP	1	L/D DIR TOOLS
	16:00 - 17:00	1.00	TRP	1	P/U BIT, M/M & IBS
	17:00 - 18:00	1.00	TRP	10	P/U MONEL,IBS,TRIP IN BHA.
	18:00 - 19:00	1.00	RIG	1	LUBE RIG ,T/D FUNCTION LOWER PIPE RAMS
	19:00 - 21:00	2.00	TRP	10	TIH W/ PIPE FILL EVERY 2 ROWS
	21:00 - 00:00	3.00	REAM	1	WASH TO BOTTOM 4837' - 5434' ( 597')
	00:00 - 05:00	5.00	DRL	1	DLRG FROM 5334'- 5587' ( WOB 10K - 12 K VIS 42, WT 91, PRM 106)
	05:00 - 06:00	1.00	CIRC	1	PUMP SWEPP & CIRC F/ SURVEY BIT DEPTH 5587'
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 5524' .2 DEG, 262.44 AZ.
7/18/2007	06:30 - 15:00	8.50	DRL	1	DRILL 5587' - 5869', 282', 33.17 FPH, WOB 15-17K, RPM 117, 60 ON SURFACE, 57 DOWN HOLE. 384 GPM. BOP DRILL, FUNCTION ANNULAR.
	15:00 - 15:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION CROWN - O - MATIC, & PIPE RAMS.
	15:30 - 21:30	6.00	DRL	1	DRILL 5869' - 6089', 220', 36.66 FPH, SAME PARAMETERS
	21:30 - 22:00	0.50	SUR	1	SURVEY @ 6026' 1.1 DEG @ 176.04
	22:00 - 06:00	8.00	DRL	1	DRILL 6089' - 6395'
7/19/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 6395 TO 6526 (ROP 23.8' HR) WOB 15, RPM 61, DHRPM 122--MW-9.0+ VIS-42
	11:30 - 12:30	1.00	RIG	1	SERVICE TOP DRIVE AND RIG (GREASED CROWN, BLOCKS, SWIVEL, COMPOUND, DRAW-WORKS)
	12:30 - 06:00	17.50	DRL	1	DRILL FROM 6526 TO 7025 HOLE SEEPING 25 BBL HR PUMPING LCM SWEEPS/SLOWED DOWN TO 3-5 BBL HR./PUMPING BIT BALLING SWEEPS ALSO--RUNNING THE SAME PERAMETERS ON BIT
7/20/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 7025 TO 7092 (ROP 12.2' HR) WOB 15-18 RPM 60, DHRPM 120.--MW 9.0+/VIS 47
	11:30 - 12:00	0.50	SUR	1	SURVEY @ 7029 1.7 DEG. AZ. 135
	12:00 - 18:00	6.00	DRL	1	DRILL FROM 7092 TO 7187 (ROP 15.8' HR) WOB 18-20 RPM 55-65, DHRPM 110-130 MW 9.0/VIS50
	18:00 - 19:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	19:00 - 06:00	11.00	DRL	1	DRILL FROM 7187 TO 7375 (ROP 17.0' HR) WOB 20-22 RPWM 60, DHRPM 120--MW 9.0/ VIS-50 (LOST APROX. 300 BBL.S IN THE LAST 24 HR.S/ CONTROLLING WITH 20% LCM SWEEPS)
7/21/2007	06:00 - 15:30	9.50	DRL	1	DRILL FROM 7,375 TO 7,530 (ROP 16.3' HR.) WOB 20-22, RPM 60, DHRPM 122, MW 9.0 VIS 45 PUMPING LCM SWEEPS TO CONTROL SEEPAGE, ALSO PUMPING BIT BALLING SWEEPS WHEN ROP SLOWS DOWN!!

Printed: 10/4/2007 1:10:07 PM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/21/2007	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, CHANGE 2" 5K VALVE ON FILL UP LINE
	16:30 - 04:00	11.50	DRL	1	DRILL FROM 7,564 TO 7,860 (ROP 25.7' HR.) SAME PERAMETERS ON BIT AND MW
	04:00 - 04:30	0.50	RIG	2	TROUBLE SHOOT PUMP PRESSURE LOSS-(CHARGE PUMP NOT ON)- DRILLER WAS DRILLING FOR 20 MIN. WITH 350 PSI LESS THAN BEFORE. HAD A TALK WITH DRILLER AND TOOL PUSHER. (ABOUT CONTACTING ME WHEN SOMETHING LIKE THIS HAPPENS, IT'S THE SAME DRILLER THAT STUCK THE PIPE)
	04:30 - 06:00	1.50	DRL	1	DRILL FROM 7,860 TO 7,888 (ROP 18.5' HR) SAME PERAMETERS ON BIT AND MW GETTING 180 UNITS OF GAS ON CON. GAS (NOT FLOWING ON CONNECTIONS)
7/22/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 7,888 TO 8036 (ROP 21.1' HR) WOB 22, RPM 60, DHRPM 120, -MW-8.9, VIS 47
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION PIPE RAMS
	14:00 - 18:00	4.00	DRL	1	DRILL ACTUAL FROM 8036 TO 8130 (ROP 23.5' HR) SAME PARAMETERS
	18:00 - 01:00	7.00	DRL	1	DRILL ACTUAL FROM 8130 TO 8245 (ROP 16.4' HR) SAME PARAMETERS
7/23/2007	01:00 - 02:00	1.00	CIRC	1	CONDITION MUD AND CIRCULATE BOTTOMS UP
	02:00 - 02:30	0.50	SUR	1	DEVIATION SURVEY AND PUMP PILL FOR TRIP
	02:30 - 06:00	3.50	TRP	10	TRIP PIPE OUT OF HOLE, TIGHT FROM 8245 TO 7855, MAX OVERPULL 70K
	06:00 - 07:00	1.00	TRP	10	TRIP OUT OF HOLE
	07:00 - 08:00	1.00	TRP	10	LAY DOWN MUD MOTOR AND BIT PICK UP NEW MUD MOTOR (HUNTING .15) AND BIT
	08:00 - 08:30	0.50	TRP	10	TRIP IN BHA TO CASING SHOE 1,142
	08:30 - 10:00	1.50	OTH		WORK ON OIL LEAK ON HOSE AND CHANGE GRABBER DIES ON TOP DRIVE
	10:00 - 13:30	3.50	TRP	10	TRIP IN HOLE FILL PIPE @ BHA, 4,148, / 7,222
	13:30 - 15:00	1.50	REAM	1	WASH AND REAM FROM 7,775 TO 8,245, 40' OF FILL
	15:00 - 18:00	3.00	DRL	1	DRILL FROM 8,245' TO 8,318' (ROP 24.30) WOB 11K RPM 60 DHRPM 122 MW 8.9 VISC 47
7/24/2007	18:00 - 06:00	12.00	DRL	1	DRILL FROM 8318' TO 8,605' (ROP 23.9) WOB 10-15 RPM 50-60 DHRPM 110-125 MW 8.9 VIS 45---BIT SLIP STICKING TRYING TO WORK PERAMETERS TO SLOW OR STOP!!
	06:00 - 12:00	6.00	DRL	1	DRILL FORM 8605 - 8731 (ROP 21' HR) WOB 12-15 RPM 50-65 DHRPM 110-135 -MW 8.9 VIS 47 HAD A LOT OF STICK SLIP TRY TO WORK PERAMETERS TO STOP
	12:00 - 13:00	1.00	RIG	1	SERVICE TOP DRIVE AND RIG- COMPOUND
	13:00 - 20:00	7.00	DRL	1	DRILL FROM 8731 TO 8797 (ROP 9.4' HR) WOB 15-20 RPM 60 DHRPM 120--MW 8.9 VIS 47 PUMPED BIT BALLING SWEEPS AND HI VIS SWEEPS
	20:00 - 21:00	1.00	CIRC	1	PICK UP 64" OFF BOTTOM AND INSTALL TIW VALVE, AND CIRCULATING SWEDGE--
	21:00 - 06:00	9.00	RIG	2	BREAK CIRCULATION @ 43 STROKES A MINUTE, ROTATING PIPE EVERY 15 MIN--6WRAPS DO TO CROWN SHEAVE CRACKED ALL THE WAY AROUND ON ONE SPOKE (BRINGING MUD PROPERIES TO SPEC.S LOWERING WATER LOSS, GEL STREANTHES AND BRING MW TO 9.1 EVIVULATE TO THE ECDS)/READY RIG FLOOR TO LAY OVER DERRICK, LAY DOWN TOP DRIVE, READY RIG FLOOR AND BRIDLE UP AND LAY OVER DERRICK (ROTATING PIPE EVERY 15 MIN. 6 WRAPS)
7/25/2007	06:00 - 13:00	7.00	RIG	2	UNSTRING DERRICK
	13:00 - 18:00	5.00	RIG	2	TAKE SHEAVES OUT OF CROWN SECTION WITH CRANE
	18:00 - 20:30	2.50	RIG	2	CLEAN AROUND RIG, WENT THROUGH PUMPS, CHANGE OIL IN #1 FLOOR MOTOR, WORK ON MUD WEIGHT 9.1//CROWN CLUSTER SHOULD BE IN MACHINE SHOP @ 7:00 A.M.-THEY ARE THINKING THEY COULD HAVE THEM GONE THROUGH, INSPECTED AND PUT BACK TOGETHER BY 7-26-2007
	20:30 - 06:00	9.50	RIG	2	WORK ON INPUT CHAIN ON DRAW-WORKS (PUT IN A HALF LINK), WORK ON
7/26/2007	06:00 - 06:00	24.00	RIG	2	

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/26/2007	06:00 - 06:00	24.00	RIG	2	FUEL HOSE LEAK, CLEANING AROUND RIG, SUB,(CROWN CLUSTER SHOULD LEAVING SHOP AFTER NOON ON 7-26-07—CLUSTER CHECK OUT O.K., FASTLINE SHEAVE FROM HOUSTON IS BEEING SLEEVED AND BEARING'S SHOULD BE AT SHOP A.M. ON 7-26-07)
7/27/2007	06:00 - 06:00	24.00	RIG	2	CLEAN AROUND RIG, RECEIVED SHEAVES AT 19:30 (CRANE WILL BE THIS AM TO INSTALL CLUSTER AND FAST LINE, (ROTATNG 6-8 TURNS EVERY 15 MINUTES WHILE CIRCULATING AT 45 STROKES (157 GPM))
7/28/2007	06:00 - 10:30	4.50	RIG	2	PUT CROWN CLUSTER IN CROWN SECTION
	10:30 - 12:00	1.50	RIG	2	PULL ALL THREAD PROTECTORS OFF OF 7" CASING
	12:00 - 16:30	4.50	RIG	2	STRIING UP DERRICK, PUT DRILLING LINE ON DRUM, AND TIGHTEN DOWN DEAD MAN
	16:30 - 19:00	2.50	RIG	2	RIG UP RIG FLOOR,HANG TONGS, SPINNERS, RIG UP TUGGER,
	19:00 - 01:30	6.50	RIG	2	RIG UP TOP DRIVE, TORQUE BUSHING, HYDRILIC HOSES, SAVER SUB, BAILS, ELEVATORS
7/29/2007	01:30 - 02:00	0.50	RIG	2	MAKE SURE PIPE WAS FREE, PUMP AT A HIGHER RATE AND ROTATE WORKING PIPE 90'
	02:00 - 03:00	1.00	CIRC	1	ADJUST BRAKES AND BUILD TRIP SLUG
	03:00 - 06:00	3.00	TRP	12	TRIP OUT OF HOLE TO PRESSURE TEST 5,000-30 DAY- AND CHANGE MOTOR AND BIT
	06:00 - 07:30	1.50	TRP	12	TRIP OUT OF HOLE TO PRESSURE TEST, CHANGE MOTOR AND BIT
	07:30 - 08:00	0.50	OTH		PULL WEAR BUSHING (NO WEAR)
	08:00 - 14:00	6.00	BOP	2	PRESSURE TEST BOPE (30 DAY TEST) PRESSURE TESTED-5 MIN LOW (250 PSI) 10 MIN HIGH (5000 PSI) UPPER, LOWER TOP DRIVE VALVE, TIW VALVE, DART VALVE, TOP AND BOTTOM PIPE RAMS, BLIND RAMS, HCR, CHOKE MANIFOLD, CHOKES, PRESSURE TESTED-5 MIN LOW (250 PSI) 10 MIN HIGH (2500 PSI)-ANNULAR
	14:00 - 14:30	0.50	OTH		INSTALL WEAR BUSHING
	14:30 - 15:30	1.00	TRP	12	PICK UP AND MAKE UP NEW MOTOR AND BIT, TRIP IN HOLE FILL AT BHA, (HAND SHUT OFF SHAKERS AND (LOST 40 BBL OVER INTO RESERVE PIT)
	15:30 - 16:30	1.00	RIG	1	SERVICE RIG AND SET CROWN-O-MATIC
	16:30 - 19:00	2.50	TRP	12	TRIP IN HOLE FILL @ 4350, 7650
	19:00 - 19:30	0.50	OTH		WORK ON TRACK FOR PASON IN THE CROWN
	19:30 - 20:00	0.50	TRP	12	TRIP IN HOLE 10 STANDS
	20:00 - 20:30	0.50	REAM	1	SAFETY WASH AND REAM FROM 8,700 TO 8,797
	20:30 - 06:00	9.50	DRL	1	DRILL FROM 8,797 TO 9,014 (ROP 22.8' HR) WOB 13, ROT 40, DHRPM 100, MW 9.2, VIS 51, BACK GROUND GAS 102, NO FLARE)
7/30/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 9,014 TO 9,204 (ROP 21' HR) WOB 12-18, DHRPM 100-140, MW 9.3, VIS 50, GPM 453
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE- FUNCTION ANNULAR
	16:00 - 06:00	14.00	DRL	1	DRILL FROM 9,204 TO 9,360 (ROP 13' HR) WOB 18-22, DHRPM 120-140, MW 9.3, VIS 48, GPM 453,PUMPING BIT BALLING SWEEPS 10 BBL EVERY HR.
7/31/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 9360 TO 9391(ROP 15.5' HR) WOB 20-25, DHRPM 128, MW 9.3, VIS 50 --PUMPING BIT BALLING SWEEPS-DON'T SEEM TO BE HELPING
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG (COMPOUND, BLOCKS, TOP DRIVE)
	09:00 - 10:30	1.50	DRL	1	DRILL FROM 9391 TO 9409 (ROP 12' HR) WOB 20-25, DHRPM 128,MW 9.3 VIS 50
	10:30 - 11:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP & BUILD TRIP SLUG
	11:30 - 12:00	0.50	SUR	1	DROP SURVEY @ 9356 2.4 DEG/123.2 AZ
	12:00 - 15:30	3.50	TRP	10	TRIP OUT OF HOLE TO CHANGE BITS, ROP SLOWED,
	15:30 - 16:00	0.50	TRP	10	CHANGE BIT AND WORK BLIND RAMS
	16:00 - 20:00	4.00	TRP	10	TRIP IN HOLE FILL AT BHA AND EVERY 33 STANDS
	20:00 - 20:30	0.50	REAM	1	WASH AND REAM FROM 9330 TO 9409 (NO HOLE FILL)
	20:30 - 21:00	0.50	DRL	1	DRILL FROM 9409 TO 9423 (ROP 28' HR) WOB 5, DHRPM 130, MW 9.2, VIS 47,

**Questar E & P**  
**Operations Summary Report**

Page 10 of 18

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/31/2007	20:30 - 21:00	0.50	DRL	1	HAD A 35 FT FLARE-6350 UNITS OF GAS PEAK
	21:00 - 21:30	0.50	RIG	2	WORK ON OIL PUMP ON COMPOUND (SPOCKET FELL OFF AND WASNT OILING COMPOUND)
	21:30 - 06:00	8.50	DRL	1	DRILL FROM 9423 TO 9573 (ROP 29' HR) WOB 15-18,DHRPM 130, MW 9.2, VIS 48, BGGAS 1445 THRU BUSTER
8/1/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 9573 TO 9674
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:00 - 18:00	6.00	DRL	1	DRILL FROM 9674 TO 9750 - RAISING MUD WT. TO 9.6 DUE TO POPPING SHALES - PICKING UP CONNECTION OVERPULL
	18:00 - 23:00	5.00	DRL	1	DRILL FROM 9750 TO 9796 - SLOWLY RAISING MUD WT WHILE PUMPING LCM SWEEPS
	23:00 - 02:00	3.00	CIRC	2	LOST CIRCULATION - PUMPING 20 BBL SWEEPS - GOT CIRC. BACK BUT LOSING 20 BBL PER HOUR
	02:00 - 02:30	0.50	TRP	2	TRIP 3 STANDS BACK - LOSING CIRCULATION AGAIN
	02:30 - 06:00	3.50	CIRC	2	BYPASS SHAKERS AND START ADDING LCM TO ACTIVE SYSTEM - SHOULD BE CLOSE TO 2.5% LCM IN ACTIVE SYSTEM BY REPORT TIME LOSSES = AROUND 165 - PRESENTLY LOSING 5 TO 6 BBL PER HOUR OFF BOTTOM - HAVE BEEN RAISING PUMP STROKES VERY SLOWLY AND AT REPORT TIME WILL BE AT 56 STROKES EACH - AND SHOULD BE READY TO EASE TO BOTTOM AND POSSIBLY START DRILLING AGAIN
8/2/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE AND CONDITION HOLE,MIX LCM SWEEPS -TRIP IN HOLE 3 STDs
	07:00 - 14:00	7.00	DRL	1	DRILLING F/9796 T/9830 34' 4.9'/HR
	14:00 - 14:30	0.50	CIRC	1	CIRCULATE AND CONDITION HOLE,BUILD AND PUMP SLUG-FILL TRIP TANK
	14:30 - 20:00	5.50	TRP	10	TRIP OUT OF HOLE FOR BIT #7-TOOK 26 EXTRA BBLs ON FILL
	20:00 - 03:00	7.00	TRP	10	CHANGE OUT BITS AND CHECK MOTOR.TRIP IN HOLE, FILL PIPE EVERY 2 ROWS
	03:00 - 03:30	0.50	REAM	1	WASH 90' TO BOTTOM-NO FILL
	03:30 - 06:00	2.50	DRL	1	DRILLING F/9830 T/9892 62' 24.8'/HR
8/3/2007					TRIP GAS 6046 UNITS,40' FALIR, 25 BBL GAIN-VENTING
	06:00 - 10:30	4.50	DRL	1	DRILLING F/9892 T/10021 119' 28.7'/HR
	10:30 - 11:30	1.00	RIG	1	RIG SERVICE
	11:30 - 22:00	10.50	DRL	1	DRILLING F/10021 T/10105 84' 8.0'/HR BRINGING MUD WT UP TO10.0 DO TO BACK GROUND GAS
	22:00 - 23:00	1.00	CIRC	1	CIRCULATE AND CONDITION FOR TRIP,FLOW CHECK
8/4/2007	23:00 - 06:00	7.00	TRP	10	TRIP OUT OF HOLE WITH BIT #8-TIGHT SPOT @ 10185'
	06:00 - 07:30	1.50	TRP	10	CHANGE OUT MOTOR AND PICK UP BIT #9,TRIP IN HOLE TO SHOE. FILL PIPE
	07:30 - 08:30	1.00	RIG	6	CUT DRILLING LINE
	08:30 - 13:00	4.50	TRP	10	TRIP IN HOLE,FILL PIPE EVERY 2 ROWS-TAGGED UP @ 9925'
					MAYBE 10 BBLs LOSS ON TRIP
8/5/2007	13:00 - 14:00	1.00	REAM	1	WASH AND REAM F/9920 T/BOTTOM TRIP GAS 8200 UNITS,35' FALIR,25 BBLs GAIN
	14:00 - 06:00	16.00	DRL	1	DRILLING F/10115 T/10205 90' 5.6'/HR
					BRING MUD WT UP TO 10.4 TO LOWER BACK GROUND GAS
	06:00 - 09:00	3.00	DRL	1	DRILLING F/10205 T/10223 18' 6.0'/HR
					BRING MUD WEIGHT UP TO 10.4 PPG,GAS UNITS @ 4800,NO GAS CUT OR FLAIR
	09:00 - 10:30	1.50	CIRC	1	CIRCULAE AND CONDITION HOLE FOR TRIP-FLOW CHECK. DROP SURVEY AND PUMP SLUG.
	10:30 - 16:00	5.50	TRP	10	TRIP OUT OF FOR BIT
	16:00 - 17:00	1.00	TRP	10	CHANGE OUT MOTOR,PICK UP IMPREG BIT AND LAY DOWN IBS
	17:00 - 22:30	5.50	TRP	10	TRIP IN HOLE WITH BIT #10
	22:30 - 23:00	0.50	REAM	1	WASH 45' TO BOTTOM-TRIP GAS 8020 UNITS,40' FLAIR. NO MUD LOSSES ON TRIP.

Printed: 10/4/2007 1:10:07 PM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/5/2007	23:00 - 01:00	2.00	DRL	1	DRILLING F/10223 T/10234 -DRILLED FRACTURE @ 10228'
	01:00 - 02:00	1.00	CIRC	1	CIRCULATE AND PUMP LCM SWEEPS-LOST PARTIAL RETURNS. GOT RETURNS BACK AND CIRCULATING GOOD
	02:00 - 03:30	1.50	DRL	1	DRILLING F/10234 T/10237
	03:30 - 06:00	2.50	CIRC	1	LOST MOST OF RETURNS . PUMP SWEEPS AND BUILD VOLUME IN TANKS. PICKED UP 50' OFF BOTTOM. LOST APPROX 800 BBLs AT REPT TIME. BUILD MUD VOLUME UP AND REGAINED CIRCULATION. CIRCULATE GAS OUT OF HOLE AND CONDITION THICK MUD.
8/6/2007	06:00 - 12:00	6.00	CIRC	1	BOTTOMS UP GAS WAS 15' FLAIR,4600 UNITS OF GAS AND MINIMAL GAIN,VERY THICK VIS.
	12:00 - 12:30	0.50	REAM	1	WASH AND REAM 50' TO BOTTOM,14' OF FILL.CIRCULATED AND WATCHED FOR LOSSES.NO LOSSES.
	12:30 - 22:00	9.50	DRL	1	DRILLING F/10237 T/10291 54' 5.6'/HR
	22:00 - 00:00	2.00	CIRC	1	LOST 75% OF RETURNS-
	00:00 - 06:00	6.00	DRL	1	CIRCULATE-SLOW PUMPS DOWN,PUMP LCM SWEEPS UNTIL FULL CIRCULATION GAINED. LOST APPROX. 200 BBLs
					DRILLING F/10291 T/10367 76' 12.7'/HR
8/7/2007	06:00 - 09:30	3.50	DRL	1	BUILDING UP VOL. IN ACTIVE SYSTEM,BACK GROUND GAS UP TO 4600 UNITS-SEEPING 3 TO 4 BBLs PER HR.
	09:30 - 10:30	1.00	RIG	1	DRILLING F/10367 T/10400 33' 9.4'/HR
	10:30 - 14:00	3.50	DRL	1	RIG SERVICE AND SERVICE TOP DRIVE
					DRILLING F/10400 T/10421 21' 6.0'/HR
	14:00 - 16:00	2.00	CIRC	1	HOLE SEEPING 4 TO 5 BBLs AN HOUR
	16:00 - 06:00	14.00	DRL	1	CIRCULATE AND PUMP LCM SWEEPS,LOST PARTIAL RETURNS. LOST APPROXIMATELY 80 BBLs @ 10421
8/8/2007					DRILLING F/10421 T/10498 77' 5.5'/HR
	06:00 - 10:00	4.00	DRL	1	WAS SEEPING AT 20 BBLs PER HOUR,HOLE NOT LOSSING FLUID AT REPORT TIME
	10:00 - 11:00	1.00	RIG	1	DRILLING F/10498 T/10528 30' 7.5'/HR
	11:00 - 21:30	10.50	DRL	1	NO LOSSES OR SEEPAGE LAST 4 HRS
	21:30 - 23:30	2.00	CIRC	1	RIG SERVICE,SERVICE TOP DRIVE
	23:30 - 01:00	1.50	TRP	14	DRILLING F/10528 T/10598 70' 6.7'/HR
8/9/2007	01:00 - 03:00	2.00	CIRC	1	NO LOSSES LAST 10 HRS
	03:00 - 03:30	0.50	SUR	1	CIRCULATE AND CONDITION HOLE FOR SHORT TRIP
	03:30 - 06:00	2.50	TRP	2	SHORT TRIP 10 STANDS-HOLE WAS CLEAN
	06:00 - 09:30	3.50	TRP	2	CIRCULATE AND CONDITION HOLE FOR LOGS-BOTTOMS UP GAS 3800 UNITS AND 10' FLAIR
	09:30 - 10:30	1.00	LOG	1	DROP SUEVEY AND FLOW CHECK,LOOKED GOOD
	10:30 - 22:30	12.00	LOG	1	TRIP OUT OF HOLE FOR LOGS-SLM
	22:30 - 23:30	1.00	LOG	1	TRIP OUT OF HOLE FOR LOGS-SLM
	23:30 - 00:00	0.50	BOP	1	RIG UP HALLIBURTON, HOLD SAFETY MEETING AND RUN PLATFORM EXPRESS LOG
	00:00 - 01:00	1.00	TRP	1	WIIRELINE LOGS- FIRST RIUN TRIPLE COMBO (HRI-BVP-DSN) SECOND RUN (SONIC)
	01:00 - 02:00	1.00	TRP	2	RIG DOWN HALLIBURTON
8/10/2007	02:00 - 04:00	2.00	TRP	2	PULL WEAR BUSHING
	04:00 - 06:00	2.00	TRP	2	LAY DOWN MOTOR & MONEL
	06:00 - 09:30	3.50	TRP	2	P/U BIT SUB & TRICONE BIT TRIP IN BHA TRY TO FILL SOMETHING WAS PLUGED
	09:30 - 10:30	1.00	CIRC	1	TRIP BACK OUT WET THE FLOAT WAS PLUGED SOLID WITH LCM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1

Location: 35- 8-S 22-E 26

Rig Name: ENSIGN

Spud Date: 6/11/2007

Rig Release: 9/13/2007

Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/10/2007	09:30 - 10:30	1.00	CIRC	1	35 FOOT FLARE . @ 6300 STKS IN TO 8400 STKS BTMS UP
	10:30 - 12:00	1.50	CIRC	1	CIRCULATE THROUGH CHOKE REST OF BTMS UP
	12:00 - 13:00	1.00	REAM	1	WASH AND REAM F/10468 TO 10598 NO FILL
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE BUILD PILL, FILL TRIP TANK & RIG UP LAY DOWN MACHINE
					ROCKY MTN CASERS
	14:30 - 22:00	7.50	TRP	3	LAY DOWN 5" DRILL PIPE & BHA
	22:00 - 00:30	2.50	WOT	4	CLEAN FLOOR, TAKE OFF TOP DRIVE BAILS & W/O CASING CREW
8/11/2007	00:30 - 02:00	1.50	CSG	1	RIG UP CASING TOOLS & HOLD SAFETY MEETING
	02:00 - 06:00	4.00	CSG	2	RUN 7" CASING @ 2000FT
	06:00 - 11:30	5.50	CSG	2	RUN 7" CASING USING THE FILLUP TOOL & LANDED THE HANGER IN THE
					MUTIBOWL - FLOAT SHOE 29#- 2 SHOE JTS 29# 84.23 FT-FLOAT COLLAR 29#-
					33JTS 29# 1520.81 FT HCP-110-SHORT JT 26# 20.90-194 JTS 26# 8916.46 FT
					-CASING FLUTED HANGER 4.5 FT 26# TOTAL 10571FT
	11:30 - 14:00	2.50	CIRC	1	CIRCULATE BTMS UP THROUGH THE CHOKE 30FT FLARE 6600 UNITS
	14:00 - 15:00	1.00	BOP	1	ANNULAR WOULD NOT OPEN THE OPEN SIDE HAD A QUICK CONNECT
					HYDRAIC FITTING THAT WAS NOT LET THE FLUID THROUGH TO OPEN UP
					THE ANNULAR. FIXED IT NOW WORKING FINE.
8/12/2007	15:00 - 19:00	4.00	BOP	1	UNSCREW AND PULL LANDING, RUN IN PACK OFF ASSEMBLE & PACK OFF
					TEST TO 5000 PSI FOR 10 MIN. RUN IN AND SET CEMENT ISOLATION TOOL.
	19:00 - 19:30	0.50	CMT	1	RIG U P HALLIBURTON & HOLD SAFETY MEETING
	19:30 - 00:00	4.50	CMT	2	CEMENT WITH HALLIBURTON- 2055 SKS 50/50 POZ CLASS G LEAD 14.3# - 70
					SKS CLASS G 14.3 - CAP 200 SKS 14.6# BUMPED PLUG @ 396 BBLS OF
					DISPLACEMENT CHECKED FLOWS HELD FLOWED BACK 3 BBLS
	00:00 - 00:30	0.50	CMT	1	PULL ISOLATION TOOL
	00:30 - 06:00	5.50	BOP	1	CHANGE OUT BOTTOM PIPE RAMS FROM 5" TO 3.5 BY 5" VARIABLES, CHANGE
					OUT SAVE SUB IN TOP DRIVE & PICK UP 4" FLOOR VAVLES ALSO
					CHANGED OUT LINERS & SWABS IN MUD PUMPS
8/13/2007	06:00 - 08:30	2.50	WOT	1	PICK UP 4" ROTARY TOOLS & CHANGE OUT LINERS AND SWABS IN MUD
					PUMPS
	08:30 - 14:00	5.50	BOP	2	TEST TOP DRIVE VAVLES (250 PSI) LOW 5 MINS. - (10000 PSI ) HIGH 10 MINS-
					CHOKE MANIFOLD ( 250 PSI ) LOW 5 MINS- ( 10000 PSI ) HIGH 10 MINS- TRIED
					TO TEST UPPER & LOWER PIPE RAMS WOULD NOT HOLD
	14:00 - 15:00	1.00	EQT	1	PUMPED UP AND TEST CASING TO 2500 PSI
	15:00 - 21:30	6.50	BOP	1	CHANGED OUT PIPE RAMS THE WRONG RAMS WHERE CHANGED OUT, THE
					VARIABLE RAMS WHERE TAKEN OUT IN THE BOTTOM RAMS WITCH ALREADY
					HAD THE VARIABLE RAMS IN IT. THE 5" RAMS WHERE IN THE TOP SO WE PUT
					THE VARIABLE IN THE TOP AND FIXED THE UPSIDE DOWN RAM IN THE
8/13/2007					BOTTOM.
	21:30 - 02:30	5.00	BOP	2	TEST BOPS- TOP PIPE RAMS, TIW, DART VALVE, MANUAL VALVES, CHECK
					VALVE-(250 PSI) LOW 5 MIN. -(10000 PSI) HIGH 10 MINS.- BLINDS, HCR, LOWER
					PIPES (250 PSI) LOW 5 MINS (10000 PSI) HIGH 10 MINS.- ANNULAR (250 PSI)
					LOW 5 MINS-(5000 PSI) HIGH 10 MINS.
	02:30 - 03:30	1.00	BOP	1	INSTALL WEAR BUSHING
	03:30 - 04:00	0.50	CSG	1	RIG UP ROCKY MOUNTIAN CASER TO PICK UP 4" DRILL PIPE & BHA
	04:00 - 06:00	2.00			STRAP BHA AND PUT IN PASON
	06:00 - 10:00	4.00	TRP	1	PICK UP BHA -FILL & CIRC
	10:00 - 12:00	2.00	TRP	3	STRAP 4" DRILL PIPE 136 JTS
8/13/2007	12:00 - 23:30	11.50	TRP	3	PICK 4" XT-39 DRILL PIPE TRIP IN TO 5607 DEPTH -FILL PIPE -TRIP IN 9985
					DEPTH RIG DOWN LAY DOWN MACHINE
	23:30 - 00:30	1.00	RIG	6	CUT DRLG LINE
	00:30 - 01:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	01:30 - 03:00	1.50	TRP	3	PICK UP 4" DRILL PIPE TAG CEMENT @ 10405
	03:00 - 06:00	3.00	DRL	4	DRLG CEMENT F/ 10405 -10484 TAG FLOAT COLLAR @ 10484- WENT

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/13/2007	03:00 - 06:00	3.00	DRL	4	THROUGH FLOAT COLLAR DRLG CEMENT DOWN TO SHOE
8/14/2007	06:00 - 06:30	0.50	LOG	4	INSTALL ROTATING HEAD
	06:30 - 07:30	1.00	DRL	1	DRLG PLUG, FLOAT COLLAR, SHOE & DRLG 22' CEMENT
	07:30 - 08:00	0.50	DRL	1	DRLG F/10598' TO 10608'
	08:00 - 09:00	1.00	CIRC	1	CIRC & COND F/ FIT TEST
	09:00 - 09:30	0.50	EQT	2	CONDUCT FIT TEST - TRIED FOR EQUIVALENT MUD WT OF A 14PPG (2040 PSI ) IT BLED BACK TO A (1100 PSI) 2PPG OVER TEST MUD WT OF A 10.3 PPG
	09:30 - 14:00	4.50	RIG	2	AFTER OPENING UP THE TOP PIPE RAMS ONE OF THE RIG HANDS NOTICED THAT THE KOOMEY PUMP WAS SMOKING. WE NOTICED THAT ALL THE PRESSURE HAD BEEN BLED OFF AT THE KOOMEY. STARTED TROUBLE SHOOTING THE PROBLEM AND FOUND OUT THE ONE OF THE KOOMEY LINE ON THE UPPER PIPE RAMS WAS FULL OF MUD. SO WE THINK THAT ONE OR BOTH OIL SEALS ARE OUT IN THE RAMS.
	14:00 - 20:00	6.00	TRP	2	TRIP OUT TO REPAIR TOP PIPE RAMS AND THE KOOMEY
	20:00 - 21:00	1.00			PULL WEAR BUSHING
	21:00 - 22:00	1.00			R/U Cased Hole Solution Wire Line Trip Into 2000' Set CompoSet
	22:00 - 06:00	8.00			BRIDGE PLUG RELEASE & TRIP OUT AND R/D Wireline
					OPEN SIDE DOORS ON TOP PIPE RAMS, CHANGE GASKET, DRAIN ACCUMULATOR, BLOW ALL LINES CLEAN, WORK ON RAM SEAL & SNAP RING THAT HOLDS SEAL
8/15/2007	06:00 - 06:00	24.00	RIG	2	THE SNAP RINGS WOULD NOT STAY IN ON THE ONE SIDE AND COULD NOT GET THE OIL SEALS OUT OF THE OTHER SIDE OF RAM SHAFT, SO THEY HAD TO TAKE THE DOORS OFF THE RAMS AND SEND THEM TO TOWN TO HAVE SOME MACHINE WORK DONE.
8/16/2007	06:00 - 17:00	11.00	RIG	2	WORK ON TOP PIPE RAMS IN VERNAL AT STEWART MACHINE, TOP SEALS REPLACED AND BODY MACHINED ON (M&M HAND SAID IT WAS IN BAD SHAPE) RECEIVE AND INSTALL DOORS
	17:00 - 18:30	1.50	RIG	2	FUNTION TEST KOOMY AND RIG UP TESTERS TEST UPPER VARIABLES, 250 # LOW 10 MIN / 10,000 # HIGH 15 MIN
	18:30 - 20:00	1.50	RIG	2	INSTALL WEAR BUSHING AND INSTALL HIGH PRESSURE ROTATING HEAD (HAD TO PULL FOR TEST AND INSTALL WEAR BUSHING)
	20:00 - 22:30	2.50	RIG	2	PICK UP NEW BI-CENTER BIT AND TRIP IN HOLE TAGGED PLUG @ 1989
	22:30 - 23:30	1.00	RIG	2	DRILL COMPOSITE BRIDGE PLUG, HAD SOME IRON COME OVER SHAKER (CAUGHT), APPEARS TO BE CASING SHAVINGS
	23:30 - 06:00	6.50	RIG	2	TRIP IN HOLE TO PERFORM FIT TEST/ FILL PIPE-BREAK CIRCULATION EVERY 33 STANDS
8/17/2007	06:00 - 07:00	1.00	RIG	2	CIRCULATE BOTTOMS UP FOR FIT TEST
	07:00 - 07:30	0.50	EQT	2	FIT TEST WITH 10.2 MW + 2130 PSI=EQUIV. TO 14.1 MW (TEST @ 10,608)
	07:30 - 08:30	1.00	DRL	5	DRILL REST OF BRIDGE PLUG (APPROX. 1') THAT WAS PUSH TO BOTTOM
	08:30 - 16:30	8.00	DRL	1	DRILL FROM 10,608 TO 10,709
	16:30 - 18:00	1.50	CIRC	1	CIRCULATE AND BUILD PILL WITH SACK BAR (BAR BLOWER BELTS BROKE)
	18:00 - 22:30	4.50	TRP	10	TRIP OUT OF HOLE
	22:30 - 05:00	6.50	TRP	10	CLEAN RIG FLOOR/ MAKE UP NEW BIT AND TRIP IN HOLE
	05:00 - 06:00	1.00	REAM	1	WASH AND REAM 60' BACK TO BOTTOM AND FAN BOTTOM WITH NEW BIT (HAD PROBLEM WITH PUMP AIRING UP)
8/18/2007	06:00 - 12:30	6.50	DRL	1	DRILL FROM 10,709 TO 10,826 (ROP 18) WOB 6-10, 95 STROKES, DHRPM 90, BACK GROUND 80 UNIT'S,
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG, OVER RUNNING CLUTCH, TOP DRIVE, COMPOUND, BLOCKS, SWIVEL
	13:30 - 18:00	4.50	DRL	1	DRILL FROM 10,826 TO 10,925 (ROP 22' HR) SAME PERAMETERS, SLOWS DOWN TO 20' HR THEN TAKES OF DRILLING 40' HR
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 10,925 TO 11,236 (ROP 25' HR) SAME PERAMETERS,
8/19/2007	06:00 - 12:00	6.00	DRL	1	DRILL FROM 11,236' TO 11,409' WOB 10K, RPM 40, DRPM 100, MW 10.3 VISC

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/19/2007	06:00 - 12:00	6.00	DRL	1	47 BG 200, CG 800
	12:00 - 12:30	0.50	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 11,409' TO 11,536' SAME PARAMETERS
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,536' TO 11,875 SAME PERAMETERS @ 11620-11630 HAD SOME SLOW FT 8-12' HR
8/20/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 11,875 TO 12,083 (ROP 29.7' HR) WOB 8, ROT-40, DHRMP 100, MW-10.35, VIS 46, BACK GROUND GAS-200 UNIT'S
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 20:30	6.50	DRL	1	DRILL FROM 12,083 TO 12,190 (ROP 16.5' HR) WORK DIFFERNT PERAMETERS TO GET TO DRILL, NOT GETTING MUCH DIFF. PRESSURE
	20:30 - 21:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP, BUILD TRIP SLUG AND FILL TRIP TANK
	21:00 - 21:30	0.50	SUR	1	DROP SURVEY @ 12,149 AND PUMP PILL
	21:30 - 23:00	1.50	TRP	12	TRIP OUT OF HOLE TO SHOE,(AIR LEAK ON AIR BLOCK ON COMPOUND) COULDN'T GO FULL THROTTLE IT WOULD KICK OUT DRUM CLUTCH, LIMPED IT TO THE SHOE.
	23:00 - 23:30	0.50	RIG	2	WORK ON AIR BLOCK ON COMPOUND
	23:30 - 03:30	4.00	TRP	12	TRIP OUT OF HOLE TO CHANGE MOTOR AND BIT (23 BBL.S OVER CALC. FILL)
	03:30 - 04:30	1.00	TRP	12	HANDLE BHA LAY DOWN AND PICK UP MUD MOTOR, CLEAN RIG FLOOR
	04:30 - 06:00	1.50	TRP	12	MAKE UP BIT AND TRIP IN HOLE FILL @ BHA AND EVERY 3 ROWS OF PIPE,
8/21/2007	06:00 - 08:00	2.00	TRP	12	TRIP IN HOLE FILL @ BHA AND EVERY 33 STANDS
	08:00 - 09:00	1.00	RIG	2	REPAIR LINE GUIDE ROLLERS
	09:00 - 12:00	3.00	TRP	12	TRIP IN HOLE FILLING EVERY 3 ROW'S
	12:00 - 12:30	0.50	REAM	1	WASH AND REAM FROM 12,082 TO 12,192
	12:30 - 20:00	7.50	DRL	1	DRILL FROM 12,192 TO 12,262 (ROP 9.3' HR) TRY TO DRILL WITH ALL DIFFERNT PERAMETERS, COULDN'T GET A P-RATE OVER 10' HR
	20:00 - 21:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP, BUILD PILL, FILL TRIP TANK
	21:00 - 02:00	5.00	TRP	10	TRIP OUT OF HOLE
	02:00 - 03:00	1.00	TRP	10	HANDLE BHA, BROKE OFF BIT AND MAKE UP NEW BIT
	03:00 - 06:00	3.00	TRP	10	TRIP IN HOLE FILL @ BHA AND EVERY 33 STANDS
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE FILL EVERY 33 STANDS,INSTALL ROTATING HEAD
8/22/2007	07:00 - 08:00	1.00	RIG	6	CUT AND SLIP DRILLING LINE
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG- TOP DRIVE, FUNCTION TEST UPPER PIPE RAMS
	09:00 - 10:00	1.00	TRP	10	TRIP IN OPEN HOLE
	10:00 - 10:30	0.50	REAM	1	SAFETY WASH AND REAM FROM 12,132 TO 12,262 (NO HOLE FILL)
	10:30 - 06:00	19.50	DRL	1	DRILL FROM 12,262 TO 12,490 (ROP 11.6) WOB 6-15, RPM 40-60, DHRPM 100-120, GPM 230-265, BACK GROUND GAS 75-100, MW 10.3, VIS 48
	06:00 - 11:00	5.00	DRL	1	DRILL FROM 12,490 TO 12,574 (ROP 16.8' HR) WORKING ALL DIFFERNT PERAMETERS TO GET TO DRILL
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, COMPOUND
	12:00 - 19:30	7.50	DRL	1	DRILL FROM 12,574 TO 12,671 (ROP 12.9' HR)
8/23/2007	19:30 - 20:30	1.00	OTH	1	STUCK SCREEN IN JOINT OF DRILL PIPE (HAD TO LAY DOWN)
	20:30 - 06:00	9.50	DRL	1	DRILL FROM 12,671 TO 12,793 (ROP 12.8' HR) WOB 8, RPM 58, DHRPM 115, BACK GROUND 700 UNITS, MW 10.4, VIS 53
	06:00 - 10:00	4.00	DRL	1	DRILLING FROM 12,793 TO 12,833 (ROP 10.0' HR) WORKING ALL DIFFERENT PERRAMETERS TO GET BIT TO DRILL
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	11:00 - 18:00	7.00	DRL	1	DRILLING FROM 12,833 TO 12,931 (ROP 14.0' HR) WOB 10-17, RPM 35-50, DHRPM 90-120, BACK GROUND GAS 800 UNITS, 5' FLARE, CONNECTIO GAS 1000 OVER BACK GROUND, MW 10.3, VIS 50
	18:00 - 06:00	12.00	DRL	1	DRILLING FROM 12,931 TO 13093 (ROP 13.0' HR) WOB 10-15, RPM 35-50, DHRPM 90-120, BACK GROUND GAS 300 UNITS, NO FLARE, CONECTION GAS 1500 OVER BACK GROUND, MW 10.3, VIS 57

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/25/2007	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 13,093 TO 13,125 (ROP 16' HR) WOB 12, ROT 40, BACK GROUND 300 UNITS,
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG, COMPOUND, TOP DRIVE
	09:00 - 21:30	12.50	DRL	1	DRILL FROM 13,125 TO 13275 WORK DIFFERNT PERAMETERS TO GET TO DRILL, SLOWED TO 9' HR
	21:30 - 22:00	0.50	SUR	1	DROP SURVEY
	22:00 - 23:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP, FILL TRIP TANK AND BUILD TRIP SLUG
8/26/2007	23:00 - 06:00	7.00	TRP	10	TRIP OUT OF HOLE TO CHANGE BIT AND MUD MOTOR
	06:00 - 06:30	0.50	TRP	10	TRIP OUT CHANGE MUD MOTOR AND BIT/ CLEAN RIG FLOOR
	06:30 - 07:30	1.00	TRP	10	TRIP IN HOLE FILL DRILL PIPE AFTER RUNNING IN BHA
	07:30 - 12:00	4.50	OTH		TROUBLE SHOOT CATHEAD, FOLLOW AIR, AND HYRIC LINES TO CAT HEADS, ENDED UP BEING A QUICK CONNECT ON TRUE TORQ BOX (ALSO CHNGED OUT SAVER SUB ON TOP DRIVE)
	12:00 - 16:30	4.50	TRP	10	TRIP IN HOLE FILLING PIPE EVERY 33 STANDS,INSTALL RATATING HEAD AT SHOE,
8/27/2007	16:30 - 17:00	0.50	REAM	1	WASH AND REAM FROM 13,225 TO 13,275 (NO HOLE FILL)
	17:00 - 06:00	13.00	DRL	1	DRILL FROM 13,275 TO 13,414 (ROP 10.6' HR) FAN BOTTOM WITH NEW BIT AND DRILL WITH LIGHT WEIGHT FOR 3 FT TO CLEAN UP BOTTOM, WORK DIFFERENT PERAMETERS TO GET TO DRILL
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 13,414 TO 13,515 (ROP 14' HR) WOB 5-15, RPM 55, DHRPM 115, MW 10.4, VIS 53, BG 2,000 UNIT ON GAS BUSTER, 3' FLARE
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, BLOCKS , SWIVEL, FUNCTION ANNULAR & HCR
	14:00 - 18:00	4.00	DRL	1	DRILL FROM 13,515 TO 13,595 (ROP 20' HR) SAME PERRAMETERS, MW 10.4, VIS 53, BG 1300 UNITS ON BUSTER, 3' FLARE
8/28/2007	18:00 - 06:00	12.00	DRL	1	DRILL FROM 13,595 TO 13,784 (ROP 15.75) WOB 14, RPM 45, DHRPM 105, MW 10.4, VIS 48, BG 900 UNIT ON GAS BUSTER, 1' FLARE
	06:00 - 13:30	7.50	DRL	1	DRILLING FROM 13,784 TO 13, 863 (ROP 10.5) WORK DIFFERNT PERAMETERS TO GET TO DRILL COULDN'T GET TO DRILL,
	13:30 - 15:00	1.50	CIRC	1	FLOW CHECK (NO FLOW) CIRCULATE BOTTOMS UP, BUILD TRIP SLUG AND FILL TRIP TANK
	15:00 - 21:30	6.50	TRP	10	TRIP OUT OF HOLE TO CHANGE BIT AND MUD MOTOR (MUD MOTOR NO GOOD) BIT NUBBED OFF ON PILOT BIT
	21:30 - 22:30	1.00	OTH		BREAK BIT AND MUD MOTOR AND LAY DOWN BOTH AND PICK UP NEW
8/29/2007	22:30 - 03:00	4.50	TRP	10	TRIP IN HOLE FILL @ BHA AND AFTER EVERY 33 STANDS
	03:00 - 04:00	1.00	RIG	1	SERVICE RIG, CHANGE OIL IN TOP DRIVE @ SHOE
	04:00 - 05:30	1.50	TRP	10	TRIP IN HOLE WITH 6 1/8 BIT
	05:30 - 06:00	0.50	REAM	1	WASH AND REAM 150' TO BOTTOM
	06:00 - 09:00	3.00	DRL	1	DRILL FROM 13,863 TO 13,937 (ROP 24.6' HR) WOB 4, RPM 32, DHRPM 91, MW 10.4, VIS 54, BG GAS 751 UNITS, NO FLARE
8/30/2007	09:00 - 10:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:00 - 22:30	12.50	DRL	1	DRILL FROM 13, 937 TO 14,173 (ROP 18.8) WOB 5, RPM 31, DHRPM 91, MW 10.5, VIS 56, BG GAS 541 UNITS, NO FLARE
	22:30 - 23:00	0.50	OTH		LAY DOWN WASHED JT OF DRILL PIPE
	23:00 - 06:00	7.00	DRL	1	DRILL FROM 14,173 TO 12,275 (ROP 14.2) WOB 4-6, RPM 31, DHRPM 91, MW 10.6, VIS 56, BG GAS 1500 UNITS ON BUSTER, 2 FT FLARE
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 14,275' TO 14,422' ( ROP @ 18.3' P/HR ) WOB 5 TO 8, RPM 35, DHRPM 92, MUD WT 10.6 PPG VIS 58, BG GAS F/ 850 TO 3685 UNITS, FLARE F/ 5' TO 20' ( RAISE MUD WT A POINT AT A TIME DUE TO TIGHT HOLE )
8/30/2007	14:00 - 15:00	1.00	RIG	1	RIG SERVICE
	15:00 - 18:00	3.00	DRL	1	DRILL FROM 14,422' TO 14,487' ( ROP @ 21.6' P/HR ) WOB 4 TO 7, RPM 35, DHRPM 92, MUD WT 11 PPG VIS 68, BG GAS F/ 550 TO 1850u, FLARE 5' TO 8' ( HOLE CONNECTION IS GOOD W/ MUD WT 11 PPG ) W/ NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 14,487' TO 14,682' ( ROP @ 16.2' P/HR ) WOB 4 TO 8, RPM 35,

**Questar E & P**  
**Operations Summary Report**

Page 16 of 18

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/30/2007	18:00 - 06:00	12.00	DRL	1	DHRPM 92, MUD WT 11 PPG, 64 VIS. BG GAS 600 TO 900 UNITS, 3' TO 10' FLARE W/ NO LOSSES
8/31/2007	06:00 - 18:00	12.00	DRL	1	DRILL FROM 14,682' TO 14,787' ( ROP @ 8.2' P/HR ) MUD WT 11.6 PPG, 58 VIS, RPM 35, DHRPM 92, BG GAS F/ 350 TO 1700 UNITS, FLARE 3' TO 5'
	18:00 - 19:00	1.00	DRL	1	DRILL F/ 14,787' TO 14,795' ( ROP @ 7' P/HR ) MUD WT 11.6 PPG, VIS 60, RPM 35, DHRPM 92, BG GAS F/ 275 TO 1500 UNITS
	19:00 - 20:00	1.00	TRP	10	FLOW CHECK - OK, DROP SURVEY & PUMP SLUG
	20:00 - 22:30	2.50	TRP	10	TRIP OUT OF HOLE F/ 14,795' TO CASING SHOE @ 10,580' FLOW CHECK @ SHOE - OK ( TIGHT HOLE @ 14,755', 14,722 & 14,685' )
	22:30 - 03:00	4.50	TRP	10	TRIP OUT OF HOLE TO SURFACE
	03:00 - 04:00	1.00	TRP	1	BREAK OUT BIT & MUD MOTOR REPLACE BIT & MUD MOTOR
	04:00 - 06:00	2.00	TRP	2	TRIP IN HOLE
9/1/2007	06:00 - 09:00	3.00	TRP	2	TRIP IN HOLE TO CASING SHOE @ 10,580' ( FILL UP PIPE EVERY 30 STDS )
	09:00 - 10:00	1.00	OTH		CUT 18 WRAPS OF DRILLING LINE
	10:00 - 18:30	8.50	RIG	2	ATTEMPT TO ADJUST DRAWWORKS BRAKES OBSERVED BRAKE BAN ON DRILLER SIDE ( CRACKED ) - REMOVE BOTH BANS AND WAIT ON A NEW SET OF BRAKE BANS
	18:30 - 23:30	5.00	RIG	2	INSTALL NEW BRAKE BANDS & BLOCKS
	23:30 - 00:30	1.00	OTH		SLIP 18 WRAPS DRILLING LINE
	00:30 - 03:00	2.50	TRP	2	TRIP IN HOLE
	03:00 - 04:00	1.00	REAM	1	WASH & REAM F/ 14,617' TO 14,795' W/ NO FILL
	04:00 - 06:00	2.00	DRL	1	DRILLED F/ 14,795' TO 14,805'
9/2/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 14,805' TO 14,909' ( ROP @ 11.5' P/HR. ) MUD WT 12 PPG VIS 58 W/ NO LOSSES
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 14,909' TO 14,940' ( ROP @ 15.5' P/HR. ) MUD WT 12 PPG VIS 61 W/ NO LOSSES
	18:00 - 02:30	8.50	DRL	1	DRILL FROM 14,940' TO 14,996' ( ROP @ 6.6' P/HR. ) MUD WT 12 PPG VIS 57 W/ NO LOSSES
	02:30 - 04:30	2.00	RIG	2	WASH PIPE LEAKING, REPLACE WASH PIPE
	04:30 - 06:00	1.50	DRL	1	DRILL FROM 14,996' TO 15,004' ( ROP @ 5.5' P/HR. ) MUD WT 12 PPG VIS 58 W/ NO LOSSES
9/3/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 15,004' TO 15,100' ( ROP @ 10.7' P/HR ) MUD WT 12.2 PPG VIS 57 RPM 40 DHRPM 92
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 15,100' TO 15,133' ( ROP @ 16.5' P/HR ) MUD WT 12.2 PPG VIS 59 RPM 40 DHRPM 92
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 15,133' TO 15,230' ( ROP @ 8' P/HR ) MUD WT 12.2 PPG VIS 57 RPM 40 DHRPM 92
9/4/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 15,230' TO 15,295' ( ROP @ 7.2' P/HR ) ROP SLOWED DOWN TO 4' P/HR MUD WT 12.3 PPG VIS 55 RPM 40 DHRPM 92 W/ NO LOSSES
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 16:30	0.50	CIRC	1	DROP SURVEY & PUMP SLUG
	16:30 - 18:00	1.50	TRP	10	TRIP OUT OF HOLE F/ 15,295' ( TIGHT HOLE @ 15,204' 15,114' & 15,004' )
	18:00 - 00:00	6.00	TRP	10	TRIP OUT OF HOLE
	00:00 - 00:30	0.50	TRP	1	BREAK OUT BIT & MUD MOTOR
	00:30 - 01:30	1.00	TRP	1	MAKE UP NEW BIT & MUD MOTOR
	01:30 - 02:30	1.00	RIG	2	CHANGE OUT SAVER SUB ON TOP DRIVE
	02:30 - 06:00	3.50	TRP	2	TRIP IN HOLE W/ NEW BIT & MUD MOTOR
9/5/2007	06:00 - 07:00	1.00	TRP	2	TRIP IN HOLE TO 10,537' ( INSTALL ROTATING HEAD )
	07:00 - 08:00	1.00	OTH		SLIP 60' DRILLING LINE & ADJUST BRAKES
	08:00 - 10:00	2.00	TRP	2	TRIP IN HOLE TO 15,100'
	10:00 - 11:00	1.00	REAM	1	WASH & REAM F/ 15,100' TO BOTTOM @ 15,295 W/ NO FILL

Printed: 10/4/2007 1:10:07 PM

## Operations Summary Report

Well Name: WRU EIH 7AD-35-8-22 ST1  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 6/11/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/5/2007	11:00 - 18:00	7.00	DRL	1	DRILL FROM 15,295' TO 15,340' ( ROP @ 6.5' P/HR ) MUD WT 12.4 PPG VIS 59 RPM 35 DHRPM 130
	18:00 - 01:00	7.00	DRL	1	DRILL FROM 15,340' TO 15,361' ( ROP @ 3.4' P/HR ) MUD WT 12.6 PPG VIS 56 RPM 40 DHRPM 130 LAST TWO HOURS ONLY ONE FOOT WAS MADE.
	01:00 - 06:00	5.00	TRP	10	TRIP OUT OF HOLE TIGHT HOLE F/ 15,361' ( TIGHT HOLE @ 15,345, 15,322, 15285 & 15,240' )
9/6/2007	06:00 - 11:00	5.00	TRP	10	TRIP OUT OF HOLE DUE TO SLOW ROP
	11:00 - 12:30	1.50	TRP	1	BREAK OUT BIT & LAY DOWN MOTOR ( MUD MOTOR FAILURE ) PICK UP NEW MUD MOTOR & RR SAME BIT
	12:30 - 18:00	5.50	TRP	2	TRIP IN HOLE ( FILL UP PIPE EVERY 3000' )
	18:00 - 19:00	1.00	TRP	2	TRIP IN HOLE ( FILL UP PIPE EVERY 3000
	19:00 - 19:30	0.50	TRP	2	INSTALL ROTATING HEAD
	19:30 - 21:00	1.50	TRP	2	CONTINUE TO TRIP IN HOLE TO 15181'
	21:00 - 22:30	1.50	REAM	1	WASH & REAM F/ 15,181' TO BOTTOM @ 15361'
	22:30 - 06:00	7.50	DRL	1	DRILL FROM F/ 15,361' TO 15,394' ( ROP @ 4.5' P/HR ) MUD WT 12.7 PPG VIS 57 RPM 38 DHRPM 130
9/7/2007	06:00 - 10:00	4.00	DRL	1	DRILL FROM 15,394' TO 15,414' ( ROP 5.8' P/HR ) MUD WT 12.8 PPG VIS 56 RPM 35 DHRPM 130
	10:00 - 12:30	2.50	CIRC	2	LOST CIRCULATION @ 15,414' MIX PUMP LCM PILL
	12:30 - 14:30	2.00	CIRC	2	PUMPED 30% LCM PILL 80 BBLS & ESTABLISH CIRCULATION
	14:30 - 15:00	0.50	DRL	1	DRILL F/ 15,414' TO 15,419' W/ FULL RETURNS LOST CIRCULATION @ 15,419'
					STOP DRILLING PICK UP 30'
	15:00 - 18:00	3.00	CIRC	2	MIX & PUMP LCM PILL W/ 30 BBLS LOSSES P/HR.
	18:00 - 20:30	2.50	CIRC	2	WHILE PUMPING LCM PILL LOSSES INCREASED F/ 26 BBLS TO 55 BBLS P/HR & SPOT 100 BBLS 40 % LCM PILL @ BOTTOM
	20:30 - 21:00	0.50	TRP	14	TRIP OUT 5 STDS TO 14,944' CIR. SLOW @ 20 SPM TO KEEP STRING FROM PLUGGING
	21:00 - 01:00	4.00	CIRC	6	WAIT ON LCM TO SOAK & BUILD MUD VOLUME
	01:00 - 02:30	1.50	TRP	14	TRIP OUT 5 STDS TO 14,464' & TRIP IN HOLE W/ 10 STDS ( TIGHT HOLE @ 15,230' ) TAG RESISTANCE @ 15,355'
					WASH & REAM F/ 15,355' TO 15,361' W/ NO LOSSES
9/8/2007	06:00 - 06:30	0.50	CIRC	1	CIRCULATE & CONDITION MUD W/ NO LOSSES
	06:30 - 08:00	1.50	REAM	1	WASH & REAM F/ 15,353' TO 15,400' - 20' FROM BOTTOM W/ NO LOSSES ( TIGHT HOLE # 15,370 )
	08:00 - 14:00	6.00	CIRC	1	CONDITION MUD & RAISE MUD WT TO 12.8 PPG & SHAKE OUT LCM ( IN MUD 5% LCM ) W/ NO LOSSES
	14:00 - 14:30	0.50	TRP	2	TRIP OUT 10 STDS & PUMP SLUG ( HOLE IN GOOD CONDITION )
	14:30 - 18:00	3.50	TRP	2	TRIP OUT OF HOLE F/ 14,385' TO CASING SHOE ( STRAP OUT OF HOLE )
9/9/2007	18:00 - 23:00	5.00	TRP	2	TRIP OUT OF HOLE F/ LOGS-SLM-LAY DOWN MOTOR & BIT
	23:00 - 06:00	7.00	LOG	3	R/UP HAL. # 1 RUN LOGGING TOOLS ( NEUTRON DENSITY ) 15,400' TO 10,500' W/ NO HOLE PROBLEMS
	06:00 - 16:00	10.00	LOG	1	RIG UP TO RUN WIRERLINE LOGS RUN 2ND LOG RESISTIVITY + BHS SONIC 15394'-2000'
	16:00 - 18:00	2.00	LOG	1	RIG DOWN LOGGERS
	18:00 - 01:00	7.00	TRP	2	T.I.H FILL PIPE EVERY 30 STDS.
	01:00 - 02:00	1.00	REAM	1	WASH & REAM F/ 15206'-15400' W/ NO RESISTANCE
	02:00 - 05:00	3.00	CIRC	1	CIRC. & CONDITION MUD ( TRIP GAS 6175 ) & CLEAN HOLE WORK STRING DURING CIR. & ROTATE W/ NO TORQUE
	05:00 - 05:30	0.50	CIRC	1	FLOW CHECK & PUMP SLUG
	05:30 - 06:00	0.50	TRP	2	T.O.O.H FOR LOGS
	06:00 - 09:00	3.00	TRP	2	T.O.O.H FOR SIDE WALL CORES/PULL ROTATING HEAD @ SHOE 10416
9/10/2007	09:00 - 10:00	1.00	RIG	6	CUT 150' DRILL LINE
	10:00 - 12:30	2.50	TRP	2	T.I.H FILL PIPE EVERY 30 STDS.

**Questar E & P**  
**Operations Summary Report**

Page 18 of 18

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/10/2007	12:30 - 13:00	0.50	REAM	1	WASH & REAM LAST STD. F/ 15306'-15400' W/ NO RESISTANCE
	13:00 - 15:30	2.50	CIRC	1	CIRC. & CONDITION MUD ( TRIP GAS ) & CLEAN HOLE WORKING STRING DURING CIRC. WHILE ROTATING
	15:30 - 18:00	2.50	TRP	2	FLOW CHECK, PUMP PILL/ T.O.O.H FOR SIDE WALL CORES W/ LOGGERS
	18:00 - 21:00	3.00	TRP	2	T.O.O.H FOR SIDE WALL CORES W/ LOGGERS
	21:00 - 02:00	5.00	LOG	1	RUN IN W/ LOGS TO 15330' LOGGING TOOL FAILURE / COME OUT & REPAIR TOOL PROBLEMS W/ NO LOSSES
9/11/2007	02:00 - 06:00	4.00	LOG	1	MAKE UP LOGGING TOOL & RUN IN HOLE W/ SIDE WALL CORE LOGS W/ NO LOSSES
	06:00 - 11:00	5.00	LOG	1	LOGGING W/ SIDE WALL CORE
	11:00 - 12:00	1.00	LOG	1	R/D LOGGERS
	12:00 - 18:00	6.00	TRP	2	T.I.H / FILL PIPE EVERY 30 STDs.
	18:00 - 19:00	1.00	TRP	2	T.I.H FILL EVERY 30 STDs./ INSTALL ROTATING RUBBER TRIP TO BOTTOM W/ NO RESISTANCE
9/12/2007	19:00 - 23:00	4.00	CIRC	1	CIRC. & CONDITION MUD TO T.O.O.H LAYING DOWN / (TRIP GAS 3673 ) R/U LAY DOWN TRUCK & S/M W/ LAY DOWN CREW REVIEW INCIDENT OFF OF SST 66, PUMP DRY JOB
	23:00 - 06:00	7.00	TRP	3	COME OUT OF HOLE LAYING DOWN DRILL STRING
	06:00 - 13:30	7.50	TRP	3	LAYING DOWN DRILL STRING
	13:30 - 14:30	1.00	TRP	3	CHANGE ELEVATORS, REMOVE HIGH PSI. ROTATING HEAD, & PULL WEAR RING
	14:30 - 15:30	1.00	CSG	1	CHANGE SUB ON TOP DRIVE & CHANGE BAILS TO RUN CSG.
9/13/2007	15:30 - 16:30	1.00	CSG	2	HAVE SAFETY MEETING W/ CSG. CREW & RIG UP TO RUN 4 1/2" PRODUCTION CSG.
	16:30 - 18:00	1.50	CSG	2	RUN 4 1/2" PRODUCTION CSG.
	18:00 - 06:00	12.00	CSG	2	RUN 4 1/2 PRODUCTION CASING BREAK CIR EVERY 2000' CASING SET @ 15,399'
	06:00 - 10:30	4.50	CIRC	1	CIRCULATE & CONDITION MUD WHILE RIGGING DOWN CASERS
	10:30 - 11:00	0.50	CMT	1	HOLD SAFETY MEETING & RIG UP HALIBURTON
9/13/2007	11:00 - 14:00	3.00	CMT	2	TEST CEMENT LINES TO @ 12000 PSI & CEMENT 4.5 PRODUCTION CASING @ PUMP 40BBLS TUNED SPACER 3 LEAD CEMENT 50/50 POZ PREMIUM 810 SKS & DISPLACE WITH CLAYFIX 2 WATER
	14:00 - 14:30	0.50	CMT	1	RIG DOWN CEMENTERS
	14:30 - 20:30	6.00	WOT	1	WAIT ON CEMENT & RIG UP QUICK TEST & SET SLIPS
	20:30 - 21:00	0.50	CSG	7	SET SLIPS @ 190K
	21:00 - 23:00	2.00	OTH		RIG DOWN BOP JACKS
9/13/2007	23:00 - 03:30	4.50	OTH		RIG DOWN AND LAY DOWN TOP DRIVE
	03:30 - 06:00	2.50	BOP	1	NIPPLE DOWN BOPE/ FINISH MUD TANKS RIG RELEASED @ 600 AM 9-13-07

<div style="display: flex; justify-content: space-between;"> <span>Questar E &amp; P</span> <span>Page 1 of 2</span> </div> <div style="text-align: center; font-weight: bold; margin-top: 5px;">Operations Summary Report</div>					
Well Name: WRU EIH 7AD-35-8-22 ST1 Location: 35- 8-S 22-E 26 Rig Name: ENSIGN				Spud Date: 6/11/2007 Rig Release: 9/13/2007 Rig Number: 24	
Date	From - To	Hours	Code	Sub Code	Description of Operations
9/27/2007	06:00 - 06:00	24.00	LOC	4	<p>Tight Hole - Initial Completion Report. On 9/26/07 MIRU Rocky Mountain Well Service #3 &amp; Cutters WL. RIH w/ 3.625" gauge ring to tag @ 15,325'. POOH w/ gauge ring. RIH w/ CBL tools, run CBL f/ 15341' to 2,000'. TOC @ 2560'. On 9/26/07 MIRU Quick Test to pressure test csg &amp; frac head to 11,500#. OK. Tested flow manifold to 8500#. OK. SDFN.</p> <p>24 Hour Forecast: Will perforate zones.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p>
9/28/2007	06:00 - 06:00	24.00	PERF	2	<p>Tight Hole - SICP = 0#. With Cutters WL still rigged up, RIH w/3-1/8" csg gun &amp; perforate Dakota zones @ 15134' - 15136', 15110' - 15121' w/ Power Pak charges. Correlated Cutters CBL dated 9/26/07 to Halliburton Density log run #2 dated 9/8/07. POOH w/ csg gun &amp; RDMO Cutters WL. Saw no pressure change after perforation @ 8:30 AM. Watch pressure on csg. Open csg to pit on 18/64" choke. Flowing 1/4 BPM stream. 12:00 PM csg pressure started to come up (125#). By 3:00 PM csg was @ 975#. NU csg to sales line &amp; open up o 20/64" choke. Making 700 - 900 MCF rate. @ 4:00 PM csg @ 1350#. Csg producing down sales line. Csg volume to recover is 218 bbls. SDFN.</p> <p>24 Hour Forecast: Will flow test.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>Perfs Dakota 15134' - 15136' 15110' - 15121'</p>
10/1/2007	06:00 - 06:00	24.00	TRP	9	<p>Tight Hole - 9/28/07 &amp; 9/30/07</p> <p>On 9/28/07 Decision was made to MIRU Coil Tbg Unit. Well still on production. Rigged down RMWS and moved to side of location. MIRU IPS Coil Tbg Unit. SDFN.</p> <p>On 9/29/07 with CTU rigged up. RIH w/ coil tbg jetting csg out w/ Nitrogen. RIH to 15300'. Well unloaded water to pit. Pumping 750# to 1250# circulating pressure w/ wellhead pressure of 150# to 500#. Csg dried up. RDMO IPS CTU. Open csg to production tank to unload Nitrogen. Turn well to sales line - Turn well over to production. SDFWE.</p> <p>24 Hour Forecast: Will flow test.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>Perfs Dakota 15134' - 15136' 15110' - 15121'</p>
10/2/2007	06:00 - 06:00	24.00	OTH		<p>Tight Hole</p> <p>On 10/1/07 - Well selling gas &amp; turned over to production.</p> <p>Discontinue report until further activity.</p>

Printed: 10/4/2007 1:11:34 PM

RECEIVED  
 OCT 05 2007  
 DIV. OF OIL, GAS & MINING

**Operations Summary Report**

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/2/2007	06:00 - 06:00	24.00	OTH		Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'

CONFIDENTIAL

43-047-38641

Questar E & P						Page 1 of 9
Operations Summary Report						
Well Name: WRU EIH 7AD-35-8-22 ST1				Spud Date: 6/11/2007		
Location: 35- 8-S 22-E 26				Rig Release: 9/13/2007		
Rig Name: ENSIGN				Rig Number: 24		
Date	From - To	Hours	Code	Sub Code	Description of Operations	
9/27/2007	06:00 - 16:00	10.00	LOC	4	<p>Tight Hole - Initial Completion Report. On 9/26/07 MIRU Rocky Mountain Well Service #3 &amp; Cutters WL. RIH w/ 3.625" gauge ring to tag @ 15,325'. POOH w/ gauge ring. RIH w/ CBL tools, run CBL f/ 15341' to 2,000'. TOC @ 2560'. On 9/26/07 MIRU Quick Test to pressure test csg &amp; frac head to 11,500#. OK. Tested flow manifold to 8500#. OK. SDFN.</p> <p>24 Hour Forecast: Will perforate zones.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p>	
9/28/2007	06:00 - 16:00	10.00	PERF	2	<p>Tight Hole - SICP = 0#. With Cutters WL still rigged up, RIH w/3-1/8" csg gun &amp; perforate Dakota zones @ 15134' - 15136', 15110' - 15121' w/ Power Pak charges. Correlated Cutters CBL dated 9/26/07 to Halliburton Density log run #2 dated 9/8/07. POOH w/ csg gun &amp; RDMO Cutters WL. Saw no pressure change after perforation @ 8:30 AM. Watch pressure on csg. Open csg to pit on 18/64" choke. Flowing 1/4 BPM stream. 12:00 PM csg pressure started to come up (125#). By 3:00 PM csg was @ 975#. NU csg to sales line &amp; open up o 20/64" choke. Making 700 - 900 MCF rate. @ 4:00 PM csg @ 1350#. Csg producing down sales line. Csg volume to recover is 218 bbls. SDFN.</p> <p>24 Hour Forecast: Will flow test.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>Perfs Dakota 15134' - 15136' 15110' - 15121'</p>	
10/1/2007	06:00 - 16:00	10.00	TRP	9	<p>Tight Hole - 9/28/07 &amp; 9/30/07 On 9/28/07 Decision was made to MIRU Coil Tbg Unit. Well still on production. Rigged down RMWS and moved to side of location. MIRU IPS Coil Tbg Unit. SDFN. On 9/29/07 with CTU rigged up. RIH w/ coil tbg jetting csg out w/ Nitrogen. RIH to 15300'. Well unloaded water to pit. Pumping 750# to 1250# circulating pressure w/ wellhead pressure of 150# to 500#. Csg dried up. RDMO IPS CTU. Open csg to production tank to unload Nitrogen. Turn well to sales line - Turn well over to production. SDFWE.</p> <p>24 Hour Forecast: Will flow test.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>Perfs Dakota 15134' - 15136' 15110' - 15121'</p>	
10/2/2007	06:00 - 16:00	10.00	OTH		<p>Tight Hole On 10/1/07 - Well selling gas &amp; turned over to production.</p> <p>Discontinue report until further activity.</p>	

Printed: 12/3/2007 10:59:25 AM

RECEIVED

DEC 03 2007

DIV. OF OIL, GAS &amp; MINING

**Questar E & P**  
**Operations Summary Report**

Page 2 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/2/2007	06:00 - 16:00	10.00	OTH		Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'
10/8/2007	06:00 - 16:00	10.00	PTST	5	Tight Hole On 10/2/07 - MIRU PLS logging. RIH 72 hr pressure bomb. Set @ 15,060'. Shut well in for 72 hrs. On 10/6/07 POOH w/ pressure bomb. Open well to sales line. Turn well over to production.  Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'
10/22/2007	06:00 - 16:00	10.00	PTST	2	Tight Hole - Completion Report. On 10-19-07 MIRU Halliburton, Parchman flow back Zone 1. Dakota 15110' -21'; 15134'-36'. Break @ 6694#. Pump 800 gal 15% Hcl & 445 bbls pad. Ramp. 5-1# 100 mesh sand & 1-4# 30/50 sand in 906 bbls 35# Hybor G fluid. Flush w/210 bbls wtr. Avg Rate=40 bpm. Max Rate =41 bpm. Ave Pressure = 6720#. Max Pressure = 10343#. Total fluid = 1469 bbls. Total sand = 5000 lb of 100 mesh & 80,000 lb of 30/50 sand. ISIP=8050#. FG=.97. RDMO Halliburton Frac Crew. Shut well in for 3 hrs. Turn well over to flow watch.  24 hr forecast will flow back well.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'
10/30/2007	06:00 - 16:00	10.00	PERF	2	Tight Hole - Continuation of Completion Report. On 10/29/07, MIRU OWP WL, Quick Test & Parchman flow back. Lubricate in a comp frac plug and set @ 15050'.  Zone #2 - Dakota Silt - (14727' - 15029'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Dakota Silt 15027' - 15029'; 14995' - 14997'; 14887' - 14489'; 14809' - 14813'; 14727' - 14729' (36 holes). POOH w/ WL. Pressure test frac tree to 11,500#. OK. SDFN.  24 hr forecast will frac well.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs

Printed: 12/3/2007 10:59:25 AM

**Questar E & P**  
**Operations Summary Report**

Page 3 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/30/2007	06:00 - 16:00	10.00	PERF	2	Dakota 15134' - 15136' 15110' - 15121' Dakota Silt 15027' - 15029' 14995' - 14997' 14887' - 14889' 14809' - 14813' 14727' - 14729'
10/31/2007	06:00 - 16:00	10.00	PERF	2	<p>ON 10-30-07 MIRU Halliburton Frac Crew.</p> <p>Zone 2: Dakota Silt: 14727' - 15029'. Frac gross perforated Dakota silt interval 14727' - 0 15029; down csg.using a slick water syste as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econo prop sand in 1728 bbl.of fluid with 3 water spacers of 239 bbl. and flush with 220 bbl of slick water. Total of 36,000 of sand and a total load of 3214 bbl..Max.rate=43; Ave=36 BPM; Max.psi=9968#; Ave=8510#; ISIP=6682 (.89). Lubricate in a comp.frac plug and set at 14650'.</p> <p>Zone#3: Frontier (14199'-14615'): Perforate per the CBL log the following intervals at 3 JPF (120°phasing) using a 2-1/2" csg.gun: Frontiner 14199-01'; 14247-49'; 14326-28'; 14390-92'; 14424-26'; 14521-23'; 14613-15 (42 holes). Frac gross perforated Frontier interval 14199'-14615' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1730 bbl.of fluid with 3 water spacers of 239 bbl and flush with 212 bbl of slick water. Total of 35,700 of sand and a total load of 3122 bbl..Max.rate=38; Ave=37 BPM; Max.psi=8907#; Ave=8627#; ISIP=6864# (.91). Lubricate in a comp.frac plug and set at 14130'.</p> <p>Zone#4: Frontier/Mancos (13616' -14083'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: Mancos 13616-18'; 13690-92'; 13772-74'; 13855-57'; Frontier: 13968-70'; 14016-18'; 14081-83' (42 holes). Frac gross perforated Mancos/Frontier interval 13616-14083' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1749 bbl.of fluid w/3 wtr spacers of 239 bbl and flush with 195 bbl of slick water. Total of 35,600 of sand ann a total load of 2947 bbl. Max.rate=45; Ave=44 BPM; Max.psi=9563#; Ave=9188#; ISIP=6912# (.94). Lube in a comp frac plug &amp; set @ 13550'.</p> <p>Zone#5: Mancos (13066'-13519'): Perforate per the CBL log following intervals at 3 JPF (120° phasing). using a 2-1/2" csg.gun: Mancos 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68' (42 holes) Shut down for night.</p> <p>24 hr forecast will continue w/frac.</p> <p>Correlated to Halliurton Density Log dated 8-8-07 Run #1. Used Halliburton 10K frac plugs.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>LLTR: 9283</p> <p>Perfs Dakota</p>

Printed: 12/3/2007 10:59:25 AM

**Questar E & P**  
**Operations Summary Report**

Page 4 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	PERF	2	<p>15134' - 15136' 15110' - 15121' Dakota Silt 15027' - 15029' 14995' - 14997' 14887' - 14889' 14809' - 14813' 14727' - 14729' Frontier: 14613-15'; 14521-23'; 14424-26'; 14390-92'; 14326-28' 14247-49'; 14199-01'; 14081-83' 14016-18'; 13968-70'; Mancos: 13855-57'; 13772-74'; 13690-92'; 13616-18'; 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68';</p>
11/1/2007	06:00 - 16:00	10.00	STIM	3	<p>Tight Hole - Completion Report - On 10/31/07 Frac crew still rigged up. Zone #5 - Mancos (13066' - 13519'). Frac gross perforated Mancos interval 13066' - 13519' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1674 bbl of fluid with 3 water spacers of 239 bbls and flush with 196 bbls of slick water. Total of 33,700# of sand and a total load of 3061 bbls. Max rate = 45 BPM; avg rate = 40 BPM; max psi = 9982#; avg psi = 9223#; ISIP = 6911# (.96). Lubricate in a comp frac plug and set at 13010'. Zone #6 - Mancos (12518' - 12968'). Perforate per the CBL log the following intervals at 3 JPF (120" phasing) using a 2-1/2" csg gun. Mancos - 12966' - 12968'; 12930' - 12932'; 12825' - 12827'; 12726' - 12728'; 12613' - 12615'; 12568' - 12570'; 12518' - 12520'; (42 holes). Frac gross perforated Mancos interval 12518' - 12968' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1705 bbls of fluid with 3 water spacers of 239 bbl and flush with 188 bbls of slick water. Total of 35,500# of sand and a total load of 3071 bbls. Max rate = 42 BPM; avg rate = 41 BPM; max psi = 10,300'; avg psi = 8239#; ISIP = 6116# (.92). Lubricate in a comp frac plug and set @ 12420'. Zone #7: Mancos (11890' - 12380'). Perforate per the CBL log the following intervals @ 3 JPF (120" phasing) using a 2-1/2" csg gun. Mancos 12378' - 12380'; 12279' - 12281'; 12255' - 12257'; 12214' - 12216'; 12122' - 12124'; 11986' - 12988'; 11890' - 11892' (42 holes). Frac gross perforated Mancos interval 11890' - 12380' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 477 bbls pad and stage 0.25. Had to shut due to leaking valve on blender. Restart job on 1st spacer stage and got to 0.50# sand and blender computer quick. Flushed wellbore and shut down for night. New blender will be here tonight and ready to pump in morning. Total of 14,300# of sand and a total load of 1921 bbls. Max rate = 42 BPM; avg rate = 17 BPM; max psi = 10294#, avg psi = 7175#, ISIP = 6048# (.94). SDFN.</p> <p>24 hr forecast will continue w/frac.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p>

Printed: 12/3/2007 10:59:25 AM

**Questar E & P**  
**Operations Summary Report**

Page 5 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/1/2007	06:00 - 16:00	10.00	STIM	3	<p>LLTR: 17336 bbls</p> <p>Perfs Dakota 15134' - 15136' 15110' - 15121' Dakota Silt 15027' - 15029' 14995' - 14997' 14887' - 14889' 14809' - 14813' 14727' - 14729' Frontier: 14613-15'; 14521-23'; 14424-26'; 14390-92'; 14326-28' 14247-49'; 14199-01'; 14081-83' 14016-18'; 13968-70'; Mancos: 13855-57'; 13772-74'; 13690-92'; 13616-18'; 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68'; 12966-68'; 12930-32'; 12825-27'; 12726-28'; 12613-15'; 12568-70'; 12518-20'; 12378-80'; 12279-81'; 12255-57'; 12214-16'; 12122-24'; 11986-88'; 11890-92';</p>
11/2/2007	06:00 - 16:00	10.00	STIM	3	<p>Tight Hole - Completion Report - On 11/1/07 Frac crew still rigged up. SICP = 6200#. Lubricate in a comp frac plug and set @ 11804'. Zone #8 - Mancos 'B' (11311' - 11772'): Perforate per the CBL log the following intervals @ 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 'B' 11770' - 11772'; 11625' - 11627'; 11479' - 11483'; 11393 - 11397'; 11311' - 11313' (42 holes). Frac gross perforated Mancos 'B' (11311' - 11772') down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1732 bbls of fluid with 3 water spacers of 180 bbls and flush with 172 bbls of slick water. Total of 35,400 of sand and a total load of 2909 bbls. Max rate = 43 BPM; avg rate = 40 BPM; max psi = 8860#; avg psi = 6148#; ISIP = 4030# (.79). Lubricate in a comp frac plug and set at 11210'. Zone #9 - Blackhawk/Mancos (10699' - 11184'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Mancos 11182' - 11184'; 11043' - 11045'; Blackhawk 10846' - 10848'; 10771' - 10773'; 10738' - 10740'; 10722' - 10724'; 10699' - 10701'; (42 holes). Wait on water. Ready to pump and valve on acid tank wouldn't open. SDFN.</p> <p>24 hr forecast will continue w/frac.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>LLTR: 17336 bbls</p>

Printed: 12/3/2007 10:56:25 AM

**Questar E & P**  
**Operations Summary Report**

Page 6 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	STIM	3	<p>Perfs Dakota 15134' - 15136' 15110' - 15121' Dakota Silt 15027' - 15029' 14995' - 14997' 14887' - 14889' 14809' - 14813' 14727' - 14729' Frontier: 14613-15'; 14521-23'; 14424-26'; 14390-92'; 14326-28' 14247-49'; 14199-01'; 14081-83' 14016-18'; 13968-70'; Mancos: 13855-57'; 13772-74'; 13690-92'; 13616-18'; 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68'; 12966-68'; 12930-32'; 12825-27'; 12726-28'; 12613-15'; 12568-70'; 12518-20'; 12378-80'; 12279-81'; 12255-57'; 12214-16'; 12122-24'; 11986-88'; 11890-92'; Mancos 'B': 11770-72'; 11625-27'; 11479-83'; 11393-97'; 11311-13'; 11182-84'; 11043-45' Blackhawk: 10846-48'; 10771-73'; 10738-40'; 10722-24'; 10699-01'</p>
11/3/2007	06:00 - 16:00	10.00	STIM	3	<p>Tight Hole - Completion Report - On 11/2/07 Frac crew still rigged up. SICP = 4780#.</p> <p>Zone #9 - Blackhawk/Mancos - (10699' - 11184'): Frac gross perforated Blackhawk/Mancos (10699' - 11184') down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 722 bbls pad and stage 0.25 to 1.0 ppg 30/50 Econoprop sand in 3036 bbls of fluid with 3 water spacers of 239 bbls and flush with 166 bbls of slick water. Total of 80,500# of sand and a total load of 4581 bbls. Max rate = 50 BPM; avg rate = 48 BPM; max psi = 7914#; avg psi = 6473#; ISIP = 4277# (.83). Lubricate in a comp frac plug &amp; set at 10106'.</p> <p>Zone #10 - Lower Mesa Verde (9866' - 10072'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Lower Mesa Verde - 10070' - 10072'; 10001' - 10003'; 9950' - 9954'; 9936' - 9938'; 9913' - 9915'; 9866' - 9868' (42 holes). Frac gross perforated Lower Mesa Verde interval 9866' - 10072' down csg using a 30# gel system as follows: Pump 800 gals of 15% HCL followed by a 347 bbl pad and ramp #5 - #4 20/40 PR-6000 sand in 1093 bbls of fluid and flush with 141 bbl of slick water. Total of 101,800# PR-6000 sand and a total load of 1508 bbl. Max rate = 48 BPM; avg rate = 45 BPM; max psi = 9348#; avg psi = 6355#, ISIP = 3016# (.74). Lubricate in a comp frac plug and set @ 9567'.</p> <p>Zone #11 - Lower Mesa Verde/Mesa Verde (9192' - 9532'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Lower</p>

Printed: 12/3/2007 10:59:25 AM

**Questar E & P**  
**Operations Summary Report**

Page 7 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/3/2007	06:00 - 16:00	10.00	STIM	3	<p>Mesa Verde 9530' - 9532'; Mesa Verde 9351' - 9353'; 9265' - 9267'; 9192' - 9194' (30 holes). Frac gross perforated Lower Mesa Verde &amp; Mesa Verde (9192' - 9532') down csg using a 25# gel system as follows: Pump 800 gals of 15% HCL followed by a 345 bbl pad and stage #5 - #4 20/40 PR-6000 sand in 1090 bbls of fluid and flush with 130 bbl of slick water. Total of 104,500# PR-6000 sand and a total load of 1478 bbls. Max rate = 52 BPM; avg rate = 48 BPM; max psi = 8418#; avg psi = 450#; ISIP = 3284# (.79). Shut well in for 2 hrs. RDMO Halliburton, OWP Wireline &amp; Quick Test. Turn well over to flow watch. Parchman flow back will be sending in report.</p> <p>24 hr forecast: Will drill up plugs.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p> <p>LLTR: 26334 bbls</p> <p>Perfs Dakota 15134' - 15136' 15110' - 15121' Dakota Silt 15027' - 15029' 14995' - 14997' 14887' - 14889' 14809' - 14813' 14727' - 14729' Frontier: 14613-15'; 14521-23'; 14424-26'; 14390-92'; 14326-28' 14247-49'; 14199-01'; 14081-83' 14016-18'; 13968-70'; Mancos: 13855-57'; 13772-74'; 13690-92'; 13616-18'; 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68'; 12966-68'; 12930-32'; 12825-27'; 12726-28'; 12613-15'; 12568-70'; 12518-20'; 12378-80'; 12279-81'; 12255-57'; 12214-16'; 12122-24'; 11986-88'; 11890-92'; Mancos 'B': 11770-72'; 11625-27'; 11479-83'; 11393-97'; 11311-13'; 11182-84'; 11043-45' Blackhawk: 10846-48'; 10771-73'; 10738-40'; 10722-24'; 10699-01' Lower Mesa Verde: 10070-72'; 10001-03'; 9950-54'; 9936-38'; 9913-9915'; 9866-68'; 9530-32'</p>

Printed: 12/3/2007 10:59:25 AM

**Questar E & P**  
**Operations Summary Report**

Page 8 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/3/2007	06:00 - 16:00	10.00	STIM	3	Mesa Verde: 9351-55'; 9265-67'; 9192-9194'
11/5/2007	06:00 - 16:00	10.00	DRL	5	Tight Hole - Completion Report - On 11/3/07 MIRU IPS Coil tbg unit, Baker Tools & Spirit Completion Fluids. Pressure test frac valves & flow manifold to 8000#. Function test BOP's. Pull test to 25,000# & pressure tested to 2500#. Baker Tools RIH w/ 3-5/8" Bo mill, mud motor & coil tbg pumping 1/4 BPM to tag @ 9579'. Pumping 1.75 BPM w/ returns of 3.5 BPM. Drill up frac plugs at 9579'; 10114'; 11216'; 11804'; 12420'; 13010'; 13550'; 14120'; 14650'; 15050'. Clean out sand to 15,375'. Bottom perfs @ 15216'. Circulate well w/ gel sweep. POOH w/ coil tbg, mud motor & bit. RDMO IPS, Spirit Completion fluids & Baker Tools. Open csg up and turn well over to flow watch. Turn well down sales line @ 1.9 MMCF & 3900# on csg. Parchman Flow watch sending in flow report.  NOTE: Pump gel sweep every 2 plugs.  24 hr forecast: Will flow back well.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  LLTR: 26334 bbls  Perfs Dakota 15134' - 15136' 15110' - 15121' Dakota Silt 15027' - 15029' 14995' - 14997' 14887' - 14889' 14809' - 14813' 14727' - 14729' Frontier: 14613-15'; 14521-23'; 14424-26'; 14390-92'; 14326-28' 14247-49'; 14199-01'; 14081-83' 14016-18'; 13968-70'; Mancos: 13855-57'; 13772-74'; 13690-92'; 13616-18'; 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68'; 12966-68'; 12930-32'; 12825-27'; 12726-28'; 12613-15'; 12568-70'; 12518-20'; 12378-80'; 12279-81'; 12255-57'; 12214-16'; 12122-24'; 11986-88'; 11890-92'; Mancos 'B': 11770-72'; 11625-27'; 11479-83'; 11393-97'; 11311-13'; 11182-84'; 11043-45' Blackhawk: 10846-48'; 10771-73'; 10738-40';

**Questar E & P**  
**Operations Summary Report**

Page 9 of 9

Well Name: WRU EIH 7AD-35-8-22 ST1  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 6/11/2007  
Rig Release: 9/13/2007  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2007	06:00 - 16:00	10.00	DRL	5	10722-24'; 10699-01' Lower Mesa Verde: 10070-72'; 10001-03'; 9950-54'; 9936-38'; 9913-9915'; 9866-68'; 9530-32' Mesa Verde: 9351-55'; 9265-67'; 9192-9194'



**Questar Exploration and Production Company**

Independence Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Tel 303 672 6900 • Fax 303 294 9632

**Rocky Mountain Region**

December 4, 2007

VIA CERTIFIED MAIL

Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

To whom it may concern:

Enclosed for approval, please find Questar Exploration and Production Company's Sundry Notice of commingling for the WRU EIH 7AD-35-8-22 well located in T8S-R22E-Sec. 35: SWNE.

Should you have any questions, please do not hesitate to contact me at (303) 308-3048 or by email at [chad.matney@questar.com](mailto:chad.matney@questar.com).

When available, it would be appreciated if an approved copy was sent to the undersigned using the letterhead address above.

Very truly yours,

Chad W. Matney  
Associate Landman

Enclosure

**RECEIVED**

**DEC 06 2007**

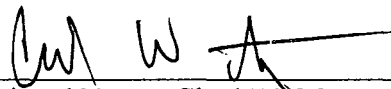
**DIV. OF OIL, GAS & MINING**

## AFFIDAVIT OF NOTICE


STATE OF COLORADO     )  
COUNTY OF DENVER     )     ss:

Chad W. Matney, being duly sworn, deposes and says:

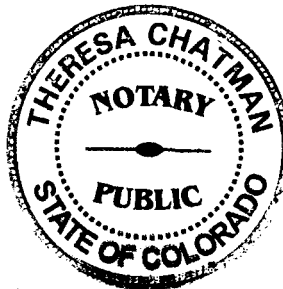
1. That I am employed by Questar Market Resources in the capacity as a Landman. My business address is Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265
2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 615-3-22 I have provided a copy of Questar Market Resource's application for completion of the WRU EIH 7AD-35-8-22 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
3. In my capacity as a Landman I am authorized to provide such notice of Questar Market Resource's application to contiguous owners and to make this affidavit on this 4<sup>th</sup> day of December, 2007.

  
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 4<sup>th</sup> day of December, 2007, by Chad W. Matney.

  
Notary Public

MY COMMISSION EXPIRES: 7/7/11



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

**CONFIDENTIAL**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

**UTU 01089**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**White River Unit**

8. Well Name and No.

**WRU EIH 7AD-35-8-22**

9. API Well No.

**43-047-38641**

10. Field and Pool, or Exploratory Area

**White River**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

1. Type of Well

Oil

Gas

☐

Well

☒

Well

☐

Other

2. Name of Operator

**QEP UINTA BASIN, INC.**

3. Address and Telephone No.

**11002 E. 17500 S. VERNAL, UT 84078-8526**

**Contact: Mike Stahl**

**Phone: (303) 308-3613**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW/NE Sec 35, T8S, R22E; 1409' FNL, 1378' FEL**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other **Commingling**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)  
**"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the WRU EIH 7AD-35-8-22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams.**

**Questar requests approval for the commingling of production between the Mesa Verde, Mancos, and Dakota formations. A production log will be run within 30 days to determine contribution from each interval. At that time a Subsequent Report will be filed detailing the results of the production log.**

**On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.**

**COPY SENT TO OPERATOR**

Date: **1-7-2008**

Initials: **ES**

14. I hereby certify that the foregoing is true and correct.

Signed

**Mikael Stahl**

Title

**Sr. Petroleum Engineer**

Date

**11/19/2007**

(This space for Federal or State office use)

Approved by:

Title

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

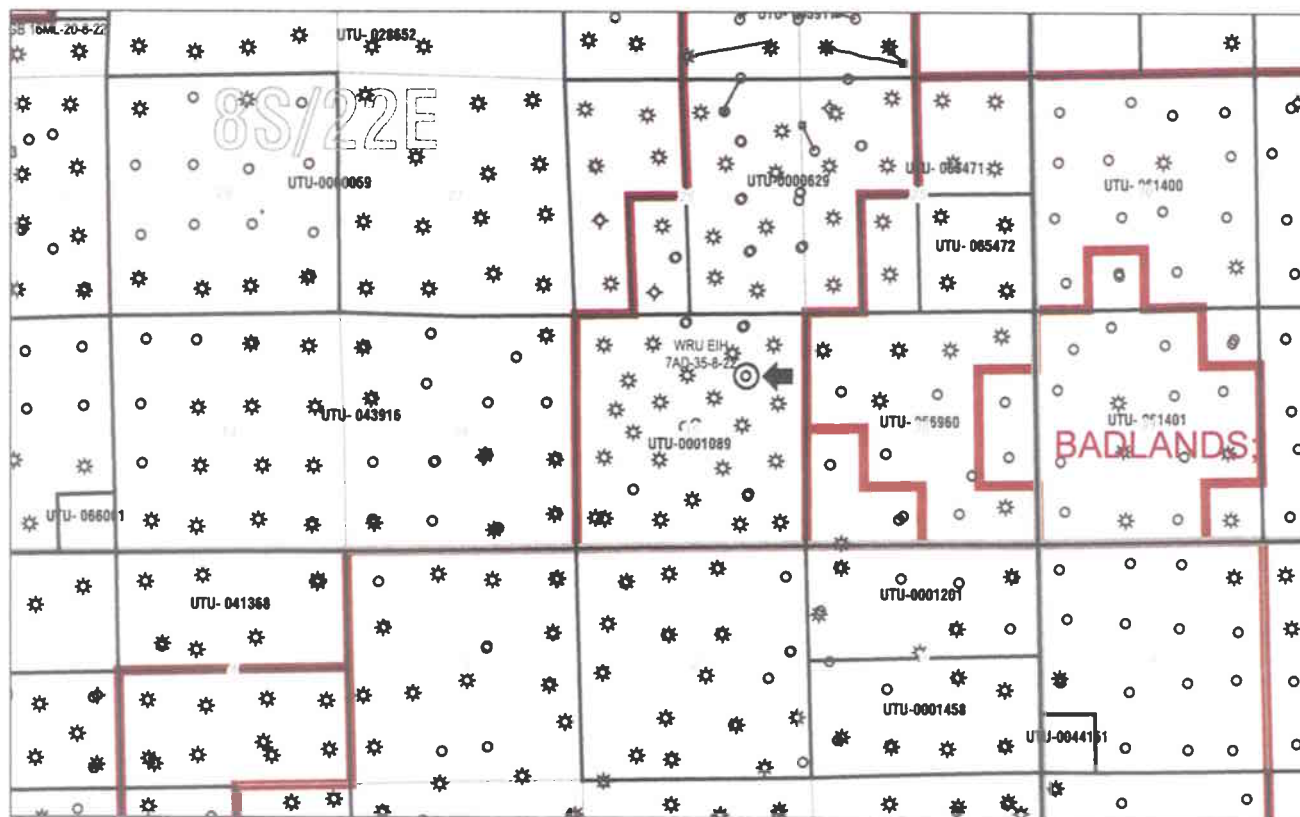
**Federal Approval Of This  
Action is Necessary**

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BY: **ES**

**\*See instruction on Reverse Side**



2000 0 2000 ft  
1:40000



Unit boundary

Lease line

**Tw/Kmv**  
**COMMINGLED PRODUCTION**  
Uinta Basin—Uintah County, Utah

**Well: WRU EIH 7AD 35-8-22**  
**Lease: UTU-0001089**

**QUESTAR**  
Exploration and  
Production

1080 17th St., # 300 Denver, CO 80202

Geologist: Russ Griffin

Engineer:

Date: December 3, 2007

Landman: Chad Matney

Technician:

05732/Comm 2007/2007 Comm 35 822.sdr

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: Questar Exploration & Production Co Today's Date: 02/14/2008

Well: API Number: Drilling Commenced:

See Attachment

43 047 38641  
WRU EIH 7AD-35-8-22  
8S 22E 35

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

Well:		API Number:	Commenced:
WV 5W-36-7-21	drlg rpts/wcr	4304734099	05/29/2003
WV 4D-12-8-12	drlg rpts/wcr	4304734268	09/26/2003
WVX 11D-22-8-21	drlg rpts/wcr	4304734902	03/15/2005
WV 3DML-13-8-21	drlg rpts/wcr	4304737923	09/27/2006
FR 7P-36-14-19	drlg rpts/wcr	4304738992	02/05/2007
SU 8M-12-7-21	drlg rpts/wcr	4304736096	03/18/2007
WV 12AD-8-8-22R	drlg rpts/wcr	4304739321	05/10/2007
WRU EIH 7AD-35-8-22	drlg rpts/wcr	4304738641	06/08/2007
RWS 14D-6-9-24	drlg rpts/wcr	4304737414	07/20/2007
RW 34-27ADR	drlg rpts/wcr	4304739445	08/07/2007
NBZ 8D-31-8-24	drlg rpts/wcr	4304737238	08/27/2007
WRU EIH 6D-5-8-23	drlg rpts/wcr	4304738994	09/04/2007
WRU EIH 9CD-26-8-22	drlg rpts/wcr	4304738649	10/03/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

b TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR  
QUESTAR EXPLORATION & PRODUCTION CO.

3. ADDRESS OF OPERATOR. **11002 EAST 17500 SOUTH - VERNAL, UT 84078** Contact: **Dahn Caldwell 435-781-4342**  
Fax # **435.781.4357**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **1409' FNL, 1378' FEL, SWNE, SEC 35-T8S-R22E**

At top rod. interval reported below **1409' FNL, 1378' FEL, SWNE, SEC 35-T8S-R22E**

At total depth **1409' FNL, 1378' FEL, SWNE, SEC 35-T8S-R22E**

14. PERMIT NO.  
**43-047-38641**

DATE ISSUED

12. COUNTY OR PARISH  
**UINTAH**

13. STATE  
**UT**

15. DATE SPUDDED  
**6/8/07**

16. DATE T.D. REACHED  
**9/6/07**

17. DATE COMPL. (Ready to prod.)  
**9/26/07**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**KB**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
**15,419'**

21. PLUG BACK T.D., MD & TVD  
**15,397'**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
→

ROTARY TOOLS  
**YES**

CABLE TOOLS  
**NO**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

**SEE ATTACHMENT PAGE 1**

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**CBL, Induction, Density, Neutron/Resistivity**

**SD, DSN, HRI, ACTR, CBL**

27. WAS WELL CORED  
**NO**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	1,120'	15"	900 sxs	
7"	26 & 29#	10,572'	8-3/4"	2,325 sxs	
4-1/2"	15.1#	15,399'	7"	810 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					N/A	N/A	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

**SEE ATTACHMENT PAGE 1**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>SEE ATTACHMENT PG 1</b>	

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
<b>9/26/07</b>		<b>Flowing</b>				<b>Producing</b>	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
<b>10/1/07</b>	<b>24</b>	<b>20</b>	→	<b>0</b>	<b>1219</b>	<b>0</b>	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)	
<b>N/A</b>	<b>540</b>	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**SOLD**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE 1**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **JIM SIMONTON**

TITLE

**COMPLETION SUPERVISOR**

DATE

**3/6/08**

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully make any statement or representation to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MAR 11 2008

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS WRU WH 7AD 35 8 22			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	
UINTA	SURFACE			UINTA	SURFACE		TRUE
GREEN RIVER	2,254'			GREEN RIVER	2,254'		VERT. DEPTH
MAHOGANY	2,884'			MAHOGANY	2,884'		
WASATCH	5,254'			WASATCH	5,254'		
MESA VERDE	7,714'			MESA VERDE	7,714'		
SEGO	10,134'			SEGO	10,134'		
CASTLEGATE	10,287'			CASTLEGATE	10,287'		
BLACKHAWK	10,631'			BLACKHAWK	10,631'		
MANCOS SHALE	11,066'			MANCOS SHALE	11,066'		
MANCOS 'B'	11,482'			MANCOS 'B'	11,482'		
FRONTIER	14,129'			FRONTIER	14,129'		
DAKOTA SILT	15,045'			DAKOTA SILT	15,045'		
DAKOTA	15,322'			DAKOTA	15,322'		
TD	15,419'			TD	15,419'		

CONFIDENTIAL

# WRU EIH 7AD 35-8-22 – ATTACHMENT PAGE ONE

## PERFORATION DETAIL:

Open Perfs	Stimulation					
9192' – 9194'	} Frac w/	104,500	Lbs in	62,076	Gals	Open MV
9265' – 9267'						Open MV
9351' – 9353'						Open MV
9530' – 9532'						Open LMV
9866' – 9868'	} Frac w/	101,800	Lbs in	63,336	Gals	Open LMV
9913' – 9915'						Open LMV
9936' – 9938'						Open LMV
9950' – 9954'						Open LMV
10001' – 10003'						Open LMV
10070' – 10072'						Open LMV
10699' – 10701'	} Frac w/	80,500	Lbs in	192,402	Gals	Open Blackhawk
10722' – 10724'						Open Blackhawk
10738' – 10740'						Open Blackhawk
10771' – 10773'						Open Blackhawk
10846' – 10848'						Open Blackhawk
11043' – 11045'						Open Mancos
11182' – 11184'						Open Mancos
11311' – 11313'	} Frac w/	35,400	Lbs in	122,178	Gals	Open Mancos
11393' – 11397'						Open Mancos
11479' – 11483'						Open Mancos
11625' – 11627'						Open Mancos
11770' – 11772'						Open Mancos
11890' – 11892'	} Frac w/	14,300	Lbs in	80,682	Gals	Open Mancos
11986' – 11988'						Open Mancos
12122' – 12124'						Open Mancos
12214' – 12216'						Open Mancos
12255' – 12257'						Open Mancos
12279' – 12281'						Open Mancos
12378' – 12380'						Open Mancos
12518' – 12520'	} Frac w/	35,500	Lbs in	128,982	Gals	Open Mancos
12568' – 12570'						Open Mancos
12613' – 12615'						Open Mancos
12726' – 12728'						Open Mancos
12825' – 12827'						Open Mancos
12930' – 12932'						Open Mancos
12966' – 12968'						Open Mancos

CONFIDENTIAL

13066' – 13068'	}	Frac w/	33,700	Lbs in	128,562	Gals	Open Mancos
13112' – 13114'							Open Mancos
13204' – 13206'							Open Mancos
13288' – 13290'							Open Mancos
13395' – 13397'							Open Mancos
13431' – 13433'							Open Mancos
13517' – 13519'							Open Mancos
13616' – 13618'	}	Frac w/	35,600	Lbs in	123,774	Gals	Open Mancos
13690' – 13692'							Open Mancos
13772' – 13774'							Open Mancos
13855' – 13857'							Open Mancos
13968' – 13970'							Open Frontier
14016' – 14018'							Open Frontier
14081' – 14083'							Open Frontier
14199' – 14201'	}	Frac w/	35,700	Lbs in	131,124	Gals	Open Frontier
14247' – 14249'							Open Frontier
14326' – 14328'							Open Frontier
14390' – 14392'							Open Frontier
14424' – 14426'							Open Frontier
14521' – 14523'							Open Frontier
14613' – 14615'							Open Frontier
14727' – 14729'	}	Frac w/	36,000	Lbs in	134,988	Gals	Open Dakota
14809' – 14813'							Open Dakota
14887' – 14889'							Open Dakota
14995' – 14997'							Open Dakota
15027' – 15029'							Open Dakota
15110' – 15121'	}	Frac w/	85,000	Lbs in	61,698	Gals	Open Dakota
15134' – 15136'							Open Dakota

CONFIDENTIAL

UT08726P52

FIELD:White River

GL:4,919 ' KBE:4,940 '

Spud Date: 6/11/07 Completion date:

Well:WRU EIH 7AD-35-8-22

TD: 15,419 ' PBDT: 15,397 '

Current Well Status: Flowing

Location - surface:SWNE Sec. 35, T8S, R22E 1409' FNL, 1378' FEL

Location - bottom hole:Same

Reason for Pull/Workover:Initial Completion

API#:43-047- 38641

Uintah County, Utah

Deviation:

Wellbore Schematic

Surface casing

Size: 10.75"

Weight: 40.5#

Grade: J-55

Set @ 1122' KB

Cmtd w/ 900 sk

Hole size: 15"

Intermediate Casing

Size: 7"

Weight: 26 & 29#

Grade: HCP-110

Set @ 10,572'

Cmtd w/ 2325 sk

Hole size: 8-3/4"

Production Casing

Size: 4.5"

Weight: 15.1#

Grade: P-110 & Q-125

Set @ 15,399'

Cmtd w/ 810 sk

Hole size: 7"

TOC 2560

Wasatch

6126-30' w/ 3 spf

6256-60' w/ 3 spf

6725-27' w/ 3 spf

Mesa Verde

7743-47' w/ 3 spf

7774-78' w/ 3 spf

7789-90' w/ 3 spf

EXISTING PERFS

Mesa Verde

9192-94' w/ 3 spf

9265-67' w/ 3 spf

9351-55' w/ 3 spf

Lower Mesa Verde

9530-32' w/ 3 spf

9866-68' w/ 3 spf

9913-15' w/ 3 spf

9936-38' w/ 3 spf

9950-54' w/ 3 spf

10,001-03' w/ 3 spf

10,070-72' w/ 3 spf

Blackhawk

10,699-701' w/ 3 spf

10,722-24' w/ 3 spf

10,738-40' w/ 3 spf

10,771-73' w/ 3 spf

10,846-48' w/ 3 spf

Mancos

11,043-45' w/ 3 spf

11,182-84' w/ 3 spf

Mancos B

11,311-13' w/ 3 spf

11,393-97' w/ 3 spf

11,479-83' w/ 3 spf

11,625-27' w/ 3 spf

11,770-72' w/ 3 spf

Mancos

11,890-92' w/ 3 spf

11,986-88' w/ 3 spf

12,122-24' w/ 3 spf

12,214-16' w/ 3 spf

12,255-57' w/ 3 spf

12,279-81' w/ 3 spf

12,378-80' w/ 3 spf

12,518-20' w/ 3 spf

12,568-70' w/ 3 spf

12,613-15' w/ 3 spf

12,726-28' w/ 3 spf

12,825-27' w/ 3 spf

12,930-32' w/ 3 spf

12,966-68' w/ 3 spf

13,066-68' w/ 3 spf

13,112-14' w/ 3 spf

13,204-06' w/ 3 spf

13,288-90' w/ 3 spf

13,395-97' w/ 3 spf

13,431-33' w/ 3 spf

13,517-19' w/ 3 spf

13,616-18' w/ 3 spf

13,690-92' w/ 3 spf

13,772-74' w/ 3 spf

13,855-57' w/ 3 spf

Frontier

13,968-70' w/ 3 spf

14,016-18' w/ 3 spf

Tubing Landing Detail:

Description

Size

Footage

Depth

KB

21.00

21.00

21.00

21.00

21.00

21.00

EOT @

21.00

21.00

Tubing Information:

Condition:

New: Used: Rerun:

Grade:

Weight (#/ft):

Wellhead Detail: Example: 7-1/16" 3000#

4-1/16" 10,000#

Other:

Hanger: Yes No x

SUMMARY

9-26-07 to 9-30-07 MIRU RMWS #3 & Cutters WL, RIH w/ guage ring to tag @ 15325'. Run CBL f/ 15341' to 2000'. TOC @ 2560'. Pressure test csq to 11,500# & flow manifold to 8500#. Perforate Dakota zones 15134'-36 & 15110'-21'. Start flow testing well & turn down sales line. RDMO RMWS #3.

Dakota

Stage 1 (15,110-15,136') Frac w/ 5,000# 100M; 80,000# 30/50 Econoprop; 1469 bbl

Dakota Silt

Stage 2 (14,727-15,029') Frac w/ 36,000# 30/50 Econoprop; 3214 bbl

Frontier

Stage 3 (14,199-14,615') Frac w/ 35,700# 30/50 Econoprop; 3122 bbl

Mancos / Frontier

Stage 4 (13,616-14,083') Frac w/ 35,600# 30/50 Econoprop; 2947 bbl

Mancos

Stage 5 (13,066-13,519') Frac w/ 33,700# 30/50 Econoprop; 3061 bbl

Stage 6 (12,518-12,698') Frac w/ 35,500# 30/50 Econoprop; 3071 bbl

Stage 7 (11,890-12,380') Frac w/ 14,300# 30/50 Econoprop; 1921 bbl

Mancos "B"

Stage 8 (11,311-11,772') Frac w/ 35,400# 30/50 Econoprop; 2909 bbl

Blackhawk / Mancos

Stage 9 (10,699-11,184') Frac w/ 80,500# 30/50 Econoprop; 4581 bbl

Lower Mesa Verde

Stage 10 (9866-10,072') Frac w/ 101,800# 20/40 PR-6000; 1508 bbl

Mesa Verde / Lower Mesa Verde

Stage 11 (9192-9532') Frac w/ 104,500# 20/40 PR-6000; 1478 bbl

CONFIDENTIAL

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

14,727-29'	w/ 3 spf
14,809-13'	w/ 3 spf
14,887-89'	w/ 3 spf
14,995-97'	w/ 3 spf
15,027-29'	w/ 3 spf

15,110-21'	w/ 3 spf
15,134-36'	w/ 3 spf

Modified By: Mike Stahl  
Prepared By: Todd Seiffert

Date: 11/19/2007  
10-1-07

**CONFIDENTIAL**

43-047-386A1  
35 85 22e

RECEIVED

APR 01 2008

**CONFIDENTIAL**

Questar E & P

Page 1 of 9

# Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ~~ST1~~  
Common Well Name: WRU EIH 7AD-35-8-22 ~~ST1~~  
Event Name: COMPLETION  
Contractor Name: Ensign Drilling USD  
Rig Name: ENSIGN

Start: 9/26/2007 Spud Date: 6/11/2007  
End:  
Rig Release: 9/13/2007 Group:  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/27/2007	06:00 - 16:00	10.00	LOC	4		<p>Tight Hole - Initial Completion Report. On 9/26/07 MIRU Rocky Mountain Well Service #3 &amp; Cutters WL. RIH w/ 3.625" gauge ring to tag @ 15,325'. POOH w/ gauge ring. RIH w/ CBL tools, run CBL f/ 15341' to 2,000'. TOC @ 2560'. On 9/26/07 MIRU Quick Test to pressure test csg &amp; frac head to 11,500#. OK. Tested flow manifold to 8500#. OK. SDFN.</p> <p>24 Hour Forecast: Will perforate zones.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p>
9/28/2007	06:00 - 16:00	10.00	PERF	2		<p>Tight Hole - SICP = 0#. With Cutters WL still rigged up, RIH w/3-1/8" csg gun &amp; perforate Dakota zones @ 15134' - 15136', 15110' - 15121' w/ Power Pak charges. Correlated Cutters CBL dated 9/26/07 to Halliburton Density log run #2 dated 9/8/07. POOH w/ csg gun &amp; RDMO Cutters WL. Saw no pressure change after perforation @ 8:30 AM. Watch pressure on csg. Open csg to pit on 18/64" choke. Flowing 1/4 BPM stream. 12:00 PM csg pressure started to come up (125#). By 3:00 PM csg was @ 975#. NU csg to sales line &amp; open up o 20/64" choke. Making 700 - 900 MCF rate. @ 4:00 PM csg @ 1350#. Csg producing down sales line. Csg volume to recover is 218 bbls. SDFN.</p> <p>24 Hour Forecast: Will flow test.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p>
10/1/2007	06:00 - 16:00	10.00	TRP	9		<p>Perfs Dakota 15134' - 15136' 15110' - 15121'</p> <p>Tight Hole - 9/28/07 &amp; 9/30/07 On 9/28/07 Decision was made to MIRU Coil Tbg Unit. Well still on production. Rigged down RMWS and moved to side of location. MIRU IPS Coil Tbg Unit. SDFN. On 9/29/07 with CTU rigged up. RIH w/ coil tbg jetting csg out w/ Nitrogen. RIH to 15300'. Well unloaded water to pit. Pumping 750# to 1250# circulating pressure w/ wellhead pressure of 150# to 500#. Csg dried up. RDMO IPS CTU. Open csg to production tank to unload Nitrogen. Turn well to sales line - Turn well over to production. SDFWE.</p> <p>24 Hour Forecast: Will flow test.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125 Csg Depth: 15,399'</p>
10/2/2007	06:00 - 16:00	10.00	OTH			<p>Perfs Dakota 15134' - 15136' 15110' - 15121'</p> <p>Tight Hole On 10/1/07 - Well selling gas &amp; turned over to production.</p>

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/2/2007	06:00 - 16:00	10.00	OTH			Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'
10/8/2007	06:00 - 16:00	10.00	PTST	5		Tight Hole On 10/2/07 - MIRU PLS logging. RIH 72 hr pressure bomb. Set @ 15,060'. Shut well in for 72 hrs. On 10/6/07 POOH w/ pressure bomb. Open well to sales line. Turn well over to production.  Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'
10/22/2007	06:00 - 16:00	10.00	PTST	2		Tight Hole - Completion Report. On 10-19-07 MIRU Halliburton, Parchman flow back Zone 1. Dakota 15110' -21'; 15134'-36'. Break @ 6694#. Pump 800 gal 15% Hcl & 445 bbls pad. Ramp. 5-1# 100 mesh sand & 1-4# 30/50 sand in 906 bbls 35# Hybor G fluid. Flush w/210 bbls wtr. Avg Rate=40 bpm. Max Rate =41 bpm. Ave Pressure = 6720#. Max Pressure = 10343#. Total fluid = 1469 bbls. Total sand = 5000 lb of 100 mesh & 80,000 lb of 30/50 sand. ISIP=8050#. FG=.97. RDMO Halliburton Frac Crew. Shut well in for 3 hrs. Turn well over to flow watch.  24 hr forecast will flow back well.  Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 15,399'  Perfs Dakota 15134' - 15136' 15110' - 15121'
10/30/2007	06:00 - 16:00	10.00	PERF	2		Tight Hole - Continuation of Completion Report. On 10/29/07, MIRU OWP WL, Quick Test & Parchman flow back. Lubricate in a comp frac plug and set @ 15050'. Zone #2 - Dakota Silt - (14727' - 15029'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Dakota Silt 15027' - 15029'; 14995' - 14997'; 14887' - 14489'; 14809' - 14813'; 14727' - 14729' (36 holes). POOH w/ WL. Pressure test frac tree to 11,500#. OK. SDFN.

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/30/2007	06:00 - 16:00	10.00	PERF	2		<p>24 hr forecast will frac well.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125            Csg Depth: 15,399'</p> <p>Perfs            Dakota            15134' - 15136'            15110' - 15121'            Dakota Silt            15027' - 15029'            14995' - 14997'            14887' - 14889'            14809' - 14813'            14727' - 14729'</p>
10/31/2007	06:00 - 16:00	10.00	PERF	2		<p>ON 10-30-07 MIRU Halliburton Frac Crew.</p> <p>Zone 2. Dakota Silt: 14727' - 15029'. Frac gross perforated Dakota silt interval 14727- 0 15029; down csg.using a slick water syste as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econo prop sand in 1728 bbl.of fluid with 3 water spacers of 239 bbl. and flush with 220 bbl of slick water. Total of 36,000 of sand and a total load of 3214 bbl..Max.rate=43; Ave=36 BPM; Max.psi=9968#; Ave=8510#; ISIP=6682 (.89). Lubricate in a comp.frac plug and set at 14650'.</p> <p>Zone#3: Frontier (14199'-14615'): Perforate per the CBL log the following intervals at 3 JPF (120°phasing) using a 2-1/2" csg.gun: Frontiner 14199-01'; 14247-49'; 14326-28'; 14390-92'; 14424-26'; 14521-23'; 14613-15 (42 holes). Frac gross perforated Frontier interval 14199'-14615' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1730 bbl.of fluid with 3 water spacers of 239 bbl and flush with 212 bbl of slick water. Total of 35,700 of sand and a total load of 3122 bbl..Max.rate=38: Ave=37 BPM; Max.psi=8907#; Ave=8627#; ISIP=6864# (.91). Lubricate in a comp.frac plug and set at 14130'.</p> <p>Zone#4: Frontier/Mancos (13616' -14083'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: Mancos 13616-18'; 13690-92'; 13772-74'; 13855-57'; Frontier: 13968-70'; 14016-18'; 14081-83' (42 holes). Frac gross perforated Mancos/Frontier interval 13616-14083' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1749 bbl.of fluid w/3 wtr spacers of 239 bbl and flush with 195 bbl of slick water. Total of 35,600 of sand ann a total load of 2947 bbl. Max.rate=45; Ave=44 BPM; Max.psi=9563#; Ave=9188#; ISIP=6912# (.94). Lube in a comp frac plug &amp; set @ 13550'.</p> <p>Zone#5: Mancos (13066'-13519'): Perforate per the CBL log following intervals at 3 JPF (120° phasing). using a 2-1/2" csg.gun: Mancos 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68' (42 holes) Shut down for night.</p> <p>24 hr forecast will continue w/frac.</p>

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2007	06:00 - 16:00	10.00	PERF	2		<p>Correlated to Halliurton Density Log dated 8-8-07 Run #1. Used Halliburton 10K frac plugs.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125            Csg Depth: 15,399'</p> <p>LLTR: 9283</p> <p>Perfs            Dakota            15134' - 15136'            15110' - 15121'            Dakota Silt            15027' - 15029'            14995' - 14997'            14887' - 14889'            14809' - 14813'            14727' - 14729'            Frontier:            14613-15'; 14521-23';            14424-26'; 14390-92'; 14326-28'            14247-49'; 14199-01'; 14081-83'            14016-18'; 13968-70';            Mancos:            13855-57'; 13772-74'; 13690-92';            13616-18'; 13517-19'; 13431-33';            13395-97'; 13288-90'; 13204-06';            13112-14'; 13066-68';</p>
11/1/2007	06:00 - 16:00	10.00	STIM	3		<p>Tight Hole - Completion Report - On 10/31/07 Frac crew still rigged up. Zone #5 - Mancos (13066' - 13519'). Frac gross perforated Mancos interval 13066' - 13519' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1674 bbl of fluid with 3 water spacers of 239 bbls and flush with 196 bbls of slick water. Total of 33,700# of sand and a total load of 3061 bbls. Max rate = 45 BPM; avg rate = 40 BPM; max psi = 9982#; avg psi = 9223#; ISIP = 6911# (.96). Lubricate in a comp frac plug and set at 13010'.</p> <p>Zone #6 - Mancos (12518' - 12968'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos - 12966' - 12968'; 12930' - 12932'; 12825' - 12827'; 12726' - 12728'; 12613' - 12615'; 12568' - 12570'; 12518' - 12520'; (42 holes). Frac gross perforated Mancos interval 12518' - 12968' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1705 bbls of fluid with 3 water spacers of 239 bbl and flush with 188 bbls of slick water. Total of 35,500# of sand and a total load of 3071 bbls. Max rate = 42 BPM; avg rate = 41 BPM; max psi = 10,300'; avg psi = 8239#; ISIP = 6116# (.92). Lubricate in a comp frac plug and set @ 12420'.</p> <p>Zone #7: Mancos (11890' - 12380'). Perforate per the CBL log the following intervals @ 3 JPF (120° phasing) using a 2-1/2" csg gun.</p>

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/1/2007	06:00 - 16:00	10.00	STIM	3		<p>Mancos 12378' - 12380'; 12279' - 12281'; 12255' - 12257'; 12214' - 12216'; 12122' - 12124'; 11986' - 12988'; 11890' - 11892' (42 holes). Frac gross perforated Mancos interval 11890' - 12380' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 477 bbls pad and stage 0.25. Had to shut due to leaking valve on blender. Restart job on 1st spacer stage and got to 0.50# sand and blender computer quick. Flushed wellbore and shut down for night. New blender will be here tonight and ready to pump in morning. Total of 14,300# of sand and a total load of 1921 bbls. Max rate = 42 BPM; avg rate = 17 BPM; max psi = 10294#, avg psi = 7175#, ISIP = 6048# (.94). SDFN.</p> <p>24 hr forecast will continue w/frac.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125  Csg Depth: 15,399'</p> <p>LLTR: 17336 bbls</p> <p>Perfs  Dakota  15134' - 15136'  15110' - 15121'  Dakota Silt  15027' - 15029'  14995' - 14997'  14887' - 14889'  14809' - 14813'  14727' - 14729'  Frontier:  14613-15'; 14521-23';  14424-26'; 14390-92'; 14326-28'  14247-49'; 14199-01'; 14081-83'  14016-18'; 13968-70';  Mancos:  13855-57'; 13772-74'; 13690-92';  13616-18'; 13517-19'; 13431-33';  13395-97'; 13288-90'; 13204-06';  13112-14'; 13066-68'; 12966-68';  12930-32'; 12825-27'; 12726-28';  12613-15'; 12568-70'; 12518-20';  12378-80'; 12279-81'; 12255-57';  12214-16'; 12122-24'; 11986-88';  11890-92';</p>
11/2/2007	06:00 - 16:00	10.00	STIM	3		<p>Tight Hole - Completion Report - On 11/1/07 Frac crew still rigged up. SICP = 6200#. Lubricate in a comp frac plug and set @ 11804'. Zone #8 - Mancos 'B' (11311' - 11772'): Perforate per the CBL log the following intervals @ 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 'B' 11770' - 11772'; 11625' - 11627'; 11479' - 11483'; 11393 - 11397'; 11311' - 11313' (42 holes). Frac gross perforated Mancos 'B' (11311' - 11772') down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75</p>

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/2/2007	06:00 - 16:00	10.00	STIM	3		<p>ppg 30/50 Econoprop sand in 1732 bbls of fluid with 3 water spacers of 180 bbls and flush with 172 bbls of slick water. Total of 35,400 of sand and a total load of 2909 bbls. Max rate = 43 BPM; avg rate = 40 BPM; max psi = 8860#; avg psi = 6148#; ISIP = 4030# (.79). Lubricate in a comp frac plug and set at 11210'.</p> <p>Zone #9 - Blackhawk/Mancos (10699' - 11184'): Perforate per the CBL log the following intervals at 3 JPF (120" phasing) using a 2-1/2" csg gun: Mancos 11182' - 11184'; 11043' - 11045'; Blackhawk 10846' - 10848'; 10771' - 10773'; 10738' - 10740'; 10722' - 10724'; 10699' - 10701'; (42 holes). Wait on water. Ready to pump and valve on acid tank wouldn't open. SDFN.</p> <p>24 hr forecast will continue w/frac.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125  Csg Depth: 15,399'</p> <p>LLTR: 17336 bbls</p> <p>Perfs  Dakota  15134' - 15136'  15110' - 15121'  Dakota Silt  15027' - 15029'  14995' - 14997'  14887' - 14889'  14809' - 14813'  14727' - 14729'  Frontier:  14613-15'; 14521-23';  14424-26'; 14390-92'; 14326-28'  14247-49'; 14199-01'; 14081-83'  14016-18'; 13968-70';  Mancos:  13855-57'; 13772-74'; 13690-92';  13616-18'; 13517-19'; 13431-33';  13395-97'; 13288-90'; 13204-06';  13112-14'; 13066-68'; 12966-68';  12930-32'; 12825-27'; 12726-28';  12613-15'; 12568-70'; 12518-20';  12378-80'; 12279-81'; 12255-57';  12214-16'; 12122-24'; 11986-88';  11890-92';  Mancos 'B':  11770-72'; 11625-27'; 11479-83';  11393-97'; 11311-13'; 11182-84';  11043-45'  Blackhawk:  10846-48'; 10771-73'; 10738-40';  10722-24'; 10699-01'</p>
11/3/2007	06:00 - 16:00	10.00	STIM	3		<p>Tight Hole - Completion Report - On 11/2/07 Frac crew still rigged up. SICP = 4780#.</p>

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2007	06:00 - 16:00	10.00	STIM	3		<p>Zone #9 - Blackhawk/Mancos (10699' - 11184'): Frac gross perforated Blackhawk/Mancos (10699' - 11184') down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 722 bbls pad and stage 0.25 to 1.0 ppg 30/50 Econoprop sand in 3036 bbls of fluid with 3 water spacers of 239 bbls and flush with 166 bbls of slick water. Total of 80,500# of sand and a total load of 4581 bbls. Max rate = 50 BPM; avg rate = 48 BPM; max psi = 7914#; avg psi = 6473#; ISIP = 4277# (.83). Lubricate in a comp frac plug &amp; set at 10106'.</p> <p>Zone #10 - Lower Mesa Verde (9866' - 10072'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Lower Mesa Verde - 10070' - 10072'; 10001' - 10003'; 9950' - 9954'; 9936' - 9938'; 9913' - 9915'; 9866' - 9868' (42 holes). Frac gross perforated Lower Mesa Verde interval 9866' - 10072' down csg using a 30# gel system as follows: Pump 800 gals of 15% HCL followed by a 347 bbl pad and ramp #5 - #4 20/40 PR-6000 sand in 1093 bbls of fluid and flush with 141 bbl of slick water. Total of 101,800# PR-6000 sand and a total load of 1508 bbl. Max rate = 48 BPM; avg rate = 45 BPM; max psi = 9348#; avg psi = 6355#; ISIP = 3016# (.74). Lubricate in a comp frac plug and set @ 9567'.</p> <p>Zone #11 - Lower Mesa Verde/Mesa Verde (9192' - 9532'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Lower Mesa Verde 9530' - 9532'; Mesa Verde 9351' - 9353'; 9265' - 9267'; 9192' - 9194' (30 holes). Frac gross perforated Lower Mesa Verde &amp; Mesa Verde (9192' - 9532') down csg using a 25# gel system as follows: Pump 800 gals of 15% HCL followed by a 345 bbl pad and stage #5 - #4 20/40 PR-6000 sand in 1090 bbls of fluid and flush with 130 bbl of slick water. Total of 104,500# PR-6000 sand and a total load of 1478 bbls. Max rate = 52 BPM; avg rate = 48 BPM; max psi = 8418#; avg psi = 450#; ISIP = 3284# (.79). Shut well in for 2 hrs. RDMO Halliburton, OWP Wireline &amp; Quick Test. Turn well over to flow watch. Parchman flow back will be sending in report.</p> <p>24 hr forecast: Will drill up plugs.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125  Csg Depth: 15,399'</p> <p>LLTR: 26334 bbls</p> <p>Perfs  Dakota  15134' - 15136'  15110' - 15121'  Dakota Silt  15027' - 15029'  14995' - 14997'  14887' - 14889'  14809' - 14813'  14727' - 14729'  Frontier:  14613-15'; 14521-23';  14424-26'; 14390-92'; 14326-28'  14247-49'; 14199-01'; 14081-83'</p>

## Operations Summary Report

Legal Well Name: WRU EIH 7AD-35-8-22 ST1  
 Common Well Name: WRU EIH 7AD-35-8-22 ST1  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 9/26/2007  
 Rig Release: 9/13/2007  
 Rig Number: 24  
 Spud Date: 6/11/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2007	06:00 - 16:00	10.00	STIM	3		<p>14016-18'; 13968-70';            Mancos:            13855-57'; 13772-74'; 13690-92';            13616-18'; 13517-19'; 13431-33';            13395-97'; 13288-90'; 13204-06';            13112-14'; 13066-68'; 12966-68';            12930-32'; 12825-27'; 12726-28';            12613-15'; 12568-70'; 12518-20';            12378-80'; 12279-81'; 12255-57';            12214-16'; 12122-24'; 11986-88';            11890-92';            Mancos 'B':            11770-72'; 11625-27'; 11479-83';            11393-97'; 11311-13'; 11182-84';            11043-45'            Blackhawk:            10846-48'; 10771-73'; 10738-40';            10722-24'; 10699-01'            Lower Mesa Verde:            10070-72'; 10001-03'; 9950-54';            9936-38'; 9913-9915'; 9866-68';            9530-32'            Mesa Verde:            9351-55'; 9265-67'; 9192-9194'</p>
11/5/2007	06:00 - 16:00	10.00	DRL	5		<p>Tight Hole - Completion Report - On 11/3/07 MIRU IPS Coil tbg unit, Baker Tools &amp; Spirit Completion Fluids. Pressure test frac valves &amp; flow manifold to 8000#. Function test BOP's. Pull test to 25,000# &amp; pressure tested to 2500#. Baker Tools RIH w/ 3-5/8" Bo mill, mud motor &amp; coil tbg pumping 1/4 BPM to tag @ 9579'. Pumping 1.75 BPM w/ returns of 3.5 BPM. Drill up frac plugs at 9579'; 10114'; 11216'; 11804'; 12420'; 13010'; 13550'; 14120'; 14650'; 15050'. Clean out sand to 15,375'. Bottom perms @ 15216'. Circulate well w/ gel sweep. POOH w/ coil tbg, mud motor &amp; bit. RDMO IPS, Spirit Completion fluids &amp; Baker Tools. Open csg up and turn well over to flow watch. Turn well down sales line @ 1.9 MMCF &amp; 3900# on csg. Parchman Flow watch sending in flow report.</p> <p>NOTE: Pump gel sweep every 2 plugs.</p> <p>24 hr forecast: Will flow back well.</p> <p>Csg Size: 4-1/2" 15.1# P-110 &amp; Q-125            Csg Depth: 15,399'</p> <p>LLTR: 26334 bbls</p> <p>Perfs            Dakota            15134' - 15136'            15110' - 15121'            Dakota Silt            15027' - 15029'            14995' - 14997'</p>

## Operations Summary Report

Legal Well Name:	WRU EIH 7AD-35-8-22 ST1		
Common Well Name:	WRU EIH 7AD-35-8-22 ST1	Start:	9/26/2007
Event Name:	COMPLETION	End:	6/11/2007
Contractor Name:	Ensign Drilling USD	Rig Release:	9/13/2007
Rig Name:	ENSIGN	Rig Number:	24
		Group:	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/5/2007	06:00 - 16:00	10.00	DRL	5		14887' - 14889' 14809' - 14813' 14727' - 14729' Frontier: 14613-15'; 14521-23'; 14424-26'; 14390-92'; 14326-28' 14247-49'; 14199-01'; 14081-83' 14016-18'; 13968-70'; Mancos: 13855-57'; 13772-74'; 13690-92'; 13616-18'; 13517-19'; 13431-33'; 13395-97'; 13288-90'; 13204-06'; 13112-14'; 13066-68'; 12966-68'; 12930-32'; 12825-27'; 12726-28'; 12613-15'; 12568-70'; 12518-20'; 12378-80'; 12279-81'; 12255-57'; 12214-16'; 12122-24'; 11986-88'; 11890-92'; Mancos 'B': 11770-72'; 11625-27'; 11479-83'; 11393-97'; 11311-13'; 11182-84'; 11043-45' Blackhawk: 10846-48'; 10771-73'; 10738-40'; 10722-24'; 10699-01' Lower Mesa Verde: 10070-72'; 10001-03'; 9950-54'; 9936-38'; 9913-9915'; 9866-68'; 9530-32' Mesa Verde: 9351-55'; 9265-67'; 9192-9194' MIRU E&E SLU. MU AND RIH WITH OIL/SPANG JARS AND 3.500" GR. TAG PBTB AT 15,322'. POOH RDMO E&E SLU.
3/26/2008	08:00 - 11:00	3.00	LOG	4	C-LOG	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil

Gas

☐

Well

☒

Well

☐

Other

2. Name of Operator

**QEPUinta Basin, Inc.**

3. Address and Telephone No.

**11002 E. 17500 S. Vernal, UT 84078, (435) 781-4331**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1409 FNL 1378 FEL, SECTION 35, T8S, R22E**

5. Lease Designation and Serial No.

**UTU-01089**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**White River Unit**

8. Well Name and No.

**WRU EIH 7AD-35-8-22**

9. API Well No.

**43047386410000**

10. Field and Pool, or Exploratory Area

**White River**

11. County or Parish, State

**Uintah, UT**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Wildcat tax credit application

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Questar requests that the wildcat tax credit be applied to the WRU EIH 7AD-35-8-22 well. This is the first well in the Mancos / Dakota pool within a one mile radius (see attached map). Offset wells include:**

Well Name	API	TD	Formation at TD
- WRU EIH 6DD-35-8-22	43047386400000	15400	WOC (Dakota)
- WRU EIH 9CD-26-8-22	43047386490000	15410	Dakota
- WRU EIH 7AD-26-8-22	43047386370000	15600	Dakota

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9/25/08

BY: [Signature]

X For Mancos, Frontier, Dakota Formations only  
X See attached statement of Basis

CC: Tax Commission (emailed)

**RECEIVED**

**JUN 02 2008**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title Sr Geologist

Date 29 May 08

(This space for Federal or State office use)

Approved by: \_\_\_\_\_

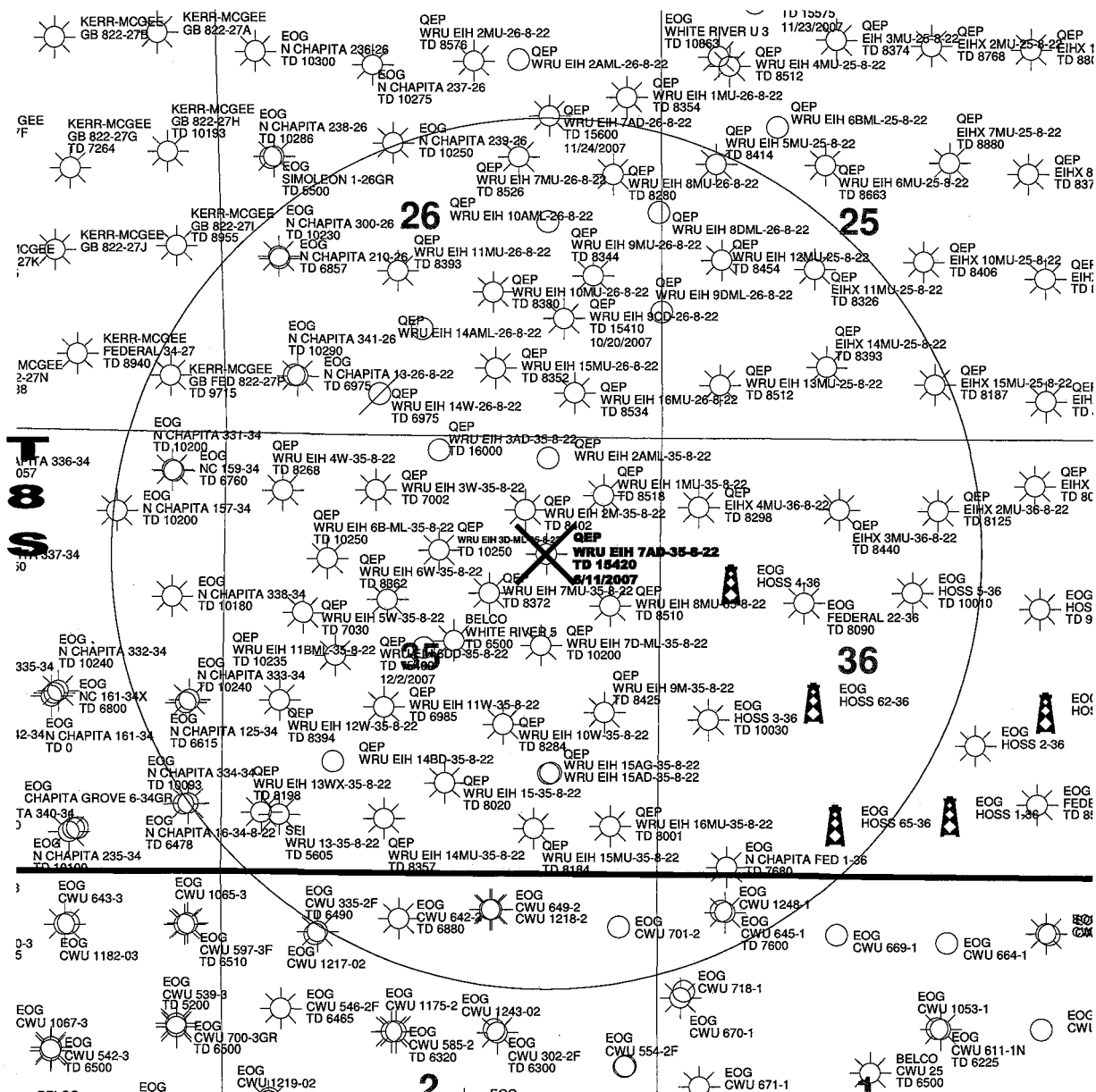
Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# R 22 E



## Well Status

- D&A
- GAS
- LOC
- OIL
- SI

1:24000

1000 0 1000 2000 3000 ft

1050 17<sup>th</sup>, Suite 500  
Denver, Colorado 80265  
303 672-6900

**QUESTAR**  
Exploration  
& Production

## WRU EIH 7ad-35-8-22

Date: May 12, 2008

Geologist:

Landman:

Geophysicist:

Engineer:

File:...\Umta\CJO\_RAGTaxCrWRU EIH 7ad-35-8-22

# Fluid Entry Results

Company: Questar  
 Well: WRU EIH 7AD-35-8-22  
 Date: 12-Dec-07  
 Field: White River Unit

Metered Rates Gas: 2.070 mmcf/d  
 Water: 390 B/D

NOTE: Only perms that are contributing towards production are listed for brevity. Please see "Data Cover" for a list of all perms.

Reservoir Zone	Perforations Depth (ft)	Gas		Water	
		Surface mmcf/d	%	Surface B/D	%
Mesa Verde	9530-9532		0.00%	100.0	25.97%
Lower Mesa Verde	9913-9915		0.00%	60.0	15.58%
Blackhawk	10699-10701		0.00%	181.0	47.01%
Mancos B	11393-11397		0.00%	16.0	4.16%
Mancos	12613-12615	0.005	0.20%	4.0	1.04%
Mancos	12726-12728	0.116	4.72%	23.0	5.97%
Mancos	13204-13206	0.152	6.18%		0.00%
Dakota Silt	14809-14813	0.073	2.97%		0.00%
Dakota Silt	14887-14889	0.125	5.09%	1.0	0.26%
Dakota	15110-15121	1.987	80.84%	Trace	---

Total: 2.458 mmcf/d 100% 385 B/D 100%

DIVISION OF OIL, GAS AND MINING  
**Wildcat Well Determination**  
**STATEMENT OF BASIS**

**Applicant:** QEP Uinta Basin, Inc.

**Location:** SWNE Sec. 35 T8S, R22E, Uintah County, Utah

**WELL NAME:** WRU EIH 7AD-35-8-22 **API #:** 43-047-38641

**FINDINGS**

1. This well was completed on September 26, 2007 in the Mesa Verde, Mancos, Frontier and Dakota formations.
2. This well was > 1 mile from any known production in the Mancos, Frontier and Dakota Formations at the time of the completion and the start of commercial production.
3. This well is surrounded by numerous wells within a 1-mile radius that produce from the Mesa Verde formation. (See Attachment A)
4. A production log was run on 12 December 2007 that attributed production in the following amounts for each formation: Mesa Verde 41%, Blackhawk 47%, Mancos 11% and Dakota 1%.
5. The Wildcat Tax Credit application was received 9 Months after completion of the WRU EIH 7AD-35-8-22 well (see submittal requirements in R649-3-35-1).

**CONCLUSIONS**

Future requests for wildcat well determination should be submitted in accordance with R649-3-35-1. Based on the findings above the Division has determined the WRU EIH 7AD-35-8-22 well was drilled into an unknown area for the **Mancos, Frontier and Dakota formations**.

The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells for the above formations only. The Division recommends the percent of production attributed to these formations (12%) from the production log run on 12 December 2007 be used as the amount of production that qualifies for the wildcat tax credit.

This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet 

Date: 9/25/2008

Joshua J. Payne

Date: August 20, 2008

CC: Utah State Tax Commission  
ATTN: Ken Petersen

**ATTACHMENT A**

1 Mile Area of Review														
API	WELL NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Type	Dx from Well(ft)	Rotary Spud	Date TD reached	Date First Produced	Producing Formation
4304739413	N CHAPITA 341-26	DRL	SWSW	26	080S	220E	0	0	D	3765				Wasatch-Mesa Verde (Proposed)
4304738972	HOSS 62-36	PGW	NESW	36	080S	220E	2264	55345	D	3674			3/18/2008	Wasatch-Mesa Verde
4304738773	WRU EIH 15AD-35-8-22	APD	SWSE	35	080S	220E	0	0	D	2661				Mesa Verde (Proposed)
4304738772	WRU EIH 15AG-35-8-22	APD	SWSE	35	080S	220E	0	0	D	2667				Green River (Proposed)
4304738649	WRU EIH 9CD-26-8-22	PGW	NESE	26	080S	220E	1903	79721	D	2820			2/14/2008	Wasatch-Mesa Verde-Mancos-Frontie
4304738648	WRU EIH 14AML-26-8-22	APD	SESW	26	080S	220E	0	0	D	3112				Mesa Verde (Proposed)
4304738647	WRU EIH 10AML-26-8-22	APD	NWSE	26	080S	220E	0	0	D	4000				Mesa Verde (Proposed)
4304738644	WRU EIH 3AD-35-8-22	APD	NENW	35	080S	220E	0	0	D	1820				Dakota (Proposed)
4304738643	WRU EIH 2AML-35-8-22	APD	NWNE	35	080S	220E	0	0	D	1132				Mesa Verde (Proposed)
4304738642	WRU EIH 14BD-35-8-22	APD	SWSW	35	080S	220E	0	0	D	3607				Dakota (Proposed)
4304738641	WRU EIH 7AD-35-8-22	PGW	SWNE	35	080S	220E	2382	396425	D	0	6/19/2007	9/6/2007	9/26/2007	Mesa Verde-Mancos-Frontier-Dakota
4304738640	WRU EIH 6DD-35-8-22	PGW	SENW	35	080S	220E	3095	201899	D	1868			3/7/2008	Wasatch-Mesa Verde-Mancos-Frontie
4304738639	WRU EIH 9DML-26-8-22	APD	NESE	26	080S	220E	0	0	D	3192				Mesa Verde (Proposed)
4304738638	WRU EIH 8DML-26-8-22	APD	SENE	26	080S	220E	0	0	D	4311				Mesa Verde (Proposed)
4304738637	WRU EIH 7AD-26-8-22	PGW	SWNE	26	080S	220E	1647	102569	D	5275			3/18/2008	Wasatch-Mesa Verde-Mancos-Frontie
4304738611	HOSS 5-36	PGW	SWNE	36	080S	220E	7659	87085	D	4421	4/18/2007	4/30/2007	5/19/2007	Wasatch-Mesa Verde
4304738610	HOSS 3-36	PGW	NWSW	36	080S	220E	7917	234793	D	2793	4/5/2007	4/14/2007	5/15/2007	Wasatch-Mesa Verde
4304738609	HOSS 4-36	PGW	SWNW	36	080S	220E	2623	35481	D	2224			2/5/2008	Wasatch-Mesa Verde
4304738427	CWU 1248-1	PGW	NWNW	01	090S	220E	0	0	D	4819			6/23/2008	Mesa Verde
4304738363	HOSS 65-36	PGW	SESW	36	080S	220E	569	4747	D	4780			5/4/2008	Wasatch-Mesa Verde-Mancos
4304738320	CWU 1218-2	PGW	NWNE	02	090S	220E	4050	55714	D	4380	6/17/2007	6/28/2007	7/27/2007	Mesa Verde
4304738059	N CHAPITA 338-34	PGW	SENE	34	080S	220E	5339	40845	D	4777			9/26/2007	Wasatch-Mesa Verde
4304738046	N CHAPITA 331-34	PGW	NENE	34	080S	220E	4283	58667	D	4706			12/26/2007	Wasatch-Mesa Verde
4304738044	N CHAPITA 333-34	PGW	NESE	34	080S	220E	5131	61323	D	4739			12/27/2007	Wasatch-Mesa Verde
4304737466	WRU EIH 7D-ML-35-8-22	PGW	SWNE	35	080S	220E	7884	226100	D	1100		9/8/2006	9/29/2006	Wasatch-Mesa Verde
4304737465	WRU EIH 3D-ML-35-8-22	PGW	SENW	35	080S	220E	6601	318983	D	1309	7/31/2006		9/22/2006	Wasatch-Mesa Verde
4304737300	WRU EIH 11BML-35-8-22	PGW	NESW	35	080S	220E	5098	185021	D	2837			6/24/2006	Wasatch-Mesa Verde
4304737299	WRU EIH 6B-ML-35-8-22	PGW	SWNW	35	080S	220E	7421	197031	D	2659			9/9/2006	Wasatch-Mesa Verde
4304736995	CWU 701-2	PGW	NENE	02	090S	220E	650	159224	D	4614			7/24/2007	Wasatch
4304736835	N CHAPITA 300-26	PGW	NWSW	26	080S	220E	8988	73879	D	4831	10/22/2006	11/11/2006	12/1/2006	Mesa Verde
4304736446	EIHX 2MU-36-8-22	PGW	NWNE	36	080S	220E	854	236961	D	4740			8/25/2005	Wasatch-Mesa Verde
4304736445	EIHX 3MU-36-8-22	PGW	NENW	36	080S	220E	1411	453809	D	3594			9/9/2005	Wasatch-Mesa Verde
4304736444	EIHX 4MU-36-8-22	PGW	NWNW	36	080S	220E	1310	371636	D	1934			9/23/2005	Wasatch-Mesa Verde
4304735667	WRU EIH 14MU-35-8-22	PGW	SESW	35	080S	220E	543	173617	D	3768			6/7/2005	Wasatch-Mesa Verde
4304735601	WRU EIH 12MU-25-8-22	PGW	NWSW	25	080S	220E	983	272371	D	4170			7/31/2004	Wasatch-Mesa Verde
4304735435	EIHX 15MU-25-8-22	PGW	SWSE	25	080S	220E	1162	557299	D	4955			4/8/2005	Wasatch-Mesa Verde
4304735432	WRU EIH 5MU-25-8-22	PGW	SWNW	25	080S	220E	1594	505794	D	4958			8/19/2004	Wasatch-Mesa Verde
4304735331	EIHX 11MU-25-8-22	PGW	NESW	25	080S	220E	1044	376442	D	4762			3/14/2005	Wasatch-Mesa Verde
4304735330	EIHX 14MU-25-8-22	PGW	SESW	25	080S	220E	1128	376687	D	4087			3/30/2005	Wasatch-Mesa Verde
4304735329	WRU EIH 13MU-25-8-22	PGW	SWSW	25	080S	220E	1569	407114	D	2950			6/8/2004	Wasatch-Mesa Verde
4304735235	GLEN BENCH FED 822-27P	PGW	SESE	27	080S	220E	6782	373301	D	5061			9/27/2004	Wasatch-Mesa Verde

MVRB 41.55  
 BLACKHOLE 47.01  
 MANCS 11.17  
 DKFA 0.20

API	WELL_NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Type	Dx from Well(ft)	Rotary Spud	Date TD reached	Date First Produced	Producing Formation
4304735195	WRU EIH 8MU-35-8-22	PGW	SENE	35	080S	220E	2383	533737	D	973			3/5/2004	Wasatch-Mesa Verde
4304735194	WRU EIH 16MU-35-8-22	PGW	SESE	35	080S	220E	1273	319806	D	3341			4/3/2004	Wasatch-Mesa Verde
4304735193	WRU EIH 8MU-26-8-22	PGW	SENE	26	080S	220E	683	161744	D	4643			4/27/2004	Wasatch-Mesa Verde
4304735191	WRU EIH 16MU-26-8-22	PGW	SESE	26	080S	220E	1646	604258	D	2002			5/13/2004	Wasatch-Mesa Verde
4304735121	WRU EIH 15MU-35-8-22	PGW	SWSE	35	080S	220E	1316	466100	D	3272			2/26/2004	Wasatch-Mesa Verde
4304735120	WRU EIH 10MU-26-8-22	PGW	NWSE	26	080S	220E	1577	618377	D	3252			2/13/2003	Wasatch-Mesa Verde
4304735119	WRU EIH 7MU-26-8-22	PGW	SENE	26	080S	220E	1139	440329	D	4816			4/8/2004	Wasatch-Mesa Verde
4304735052	WRU EIH 2M-35-8-22	PGW	NWNE	35	080S	220E	844	232973	D	619			11/5/2003	Wasatch
4304735051	WRU EIH 7MU-35-8-22	SGW	SWNE	35	080S	220E	1753	520533	D	815			12/24/2003	Wasatch-Mesa Verde
4304735050	WRU EIH 9M-35-8-22	PGW	NESE	35	080S	220E	2046	389717	D	1988			10/25/2003	Mesa Verde
4304735049	WRU EIH 1MU-35-8-22	PGW	NENE	35	080S	220E	1557	633396	D	1017			11/29/2003	Wasatch
4304735048	WRU EIH 15MU-26-8-22	PGW	SWSE	26	080S	220E	1518	602305	D	2349			11/4/2003	Wasatch
4304735047	WRU EIH 9MU-26-8-22	PGW	NESE	26	080S	220E	1114	489958	D	3440			2/7/2004	Wasatch
4304735046	WRU EIH 10W-35-8-22	PGW	NWSE	35	080S	220E	1586	565223	D	2064			9/22/2003	Wasatch
4304735028	CWU 645-1	SGW	NWNW	01	090S	220E	1106	381774	D	4847			4/28/2005	Wasatch
4304735024	CWU 649-2	PGW	NWNE	02	090S	220E	1289	476253	D	4359			10/18/2004	Wasatch
4304734994	CWU 642-2	PGW	NENW	02	090S	220E	589	288584	D	4847			11/24/2003	Wasatch
4304734836	WRU EIH 11MU-26-8-22	PGW	NESW	26	080S	220E	1194	316568	D	3799			3/5/2004	Wasatch-Mesa Verde
4304734835	WRU EIH 14W-26-8-22	SGW	SESW	26	080S	220E	0	0	D	2773				Wasatch
4304734708	WRU EIH 11W-35-8-22	PGW	NESW	35	080S	220E	935	442971	D	2700			1/31/2003	Wasatch
4304734684	WRU EIH 6W-35-8-22	PGW	SENW	35	080S	220E	1904	759474	D	2048			10/7/2003	Wasatch
4304734635	N CHAPITA 210-26	PA	NWSW	26	080S	220E	5	2880	D	4773			5/30/2003	Green River
4304734572	WRU EIH 5W-35-8-22	PGW	SWNW	35	080S	220E	1051	429124	D	3075			11/25/2002	Wasatch
4304734210	WRU EIH 13WX-35-8-22	PGW	SWSW	35	080S	220E	1248	316497	D	4645			3/14/2002	Wasatch-Mesa Verde
4304734204	N CHAPITA 13-26-8-22	SGW	SWSW	26	080S	220E	3164	1032532	D	3818			11/5/2001	Wasatch
4304734128	FEDERAL 24-36	LA	SESW	36	080S	220E	0	0	D	4785				Mesa Verde
4304734127	FEDERAL 23-36	LA	NESW	36	080S	220E	0	0	D	3667				Mesa Verde
4304734084	FEDERAL 22-36	PGW	SENW	36	080S	220E	594	873897	D	3177			9/20/2001	Mesa Verde
4304734056	NC 159-34	SGW	NENE	34	080S	220E	3126	1291758	D	4660			1/31/2002	Wasatch
4304734044	WRU EIH 3W-35-8-22	PGW	NENW	35	080S	220E	1101	525788	D	2254			11/27/2002	Wasatch
4304734042	WRU EIH 4W-35-8-22	PGW	NWNW	35	080S	220E	1604	690630	D	3392			9/4/2002	Wasatch
4304733684	N CHAPITA 125-34	PGW	NESE	34	080S	220E	1548	555071	D	4796			11/20/2000	Wasatch
4304733393	WRU EIH 12W-35-8-22	PGW	NWSW	35	080S	220E	2123	709434	D	3675			8/26/2002	Wasatch
4304733095	WRU 13-35-8-22	PA	SWSW	35	080S	220E	70	9937	D	4560			12/12/1998	Wasatch
4304733061	WRU EIH 15-35-8-22	PGW	SWSE	35	080S	220E	1554	305090	D	3068			2/5/1999	Wasatch
4304731795	N CHAPITA FED 1-36	SGW	SWSW	36	080S	220E	1374	479149		3786				Mesa Verde
4304715078	WHITE RIVER 5	PA	SWNE	35	080S	220E	0	234706		1576				Wasatch

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

CA No.

Unit:

WHITE RIVER

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <i>City</i> Denver <i>State</i> CO <i>Zip</i> 80265		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
PHONE NUMBER: (303) 672-6900		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY: Attached		STATE: UTAH

**11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*

Utah State Bond Number: ~~965003033~~ *965010695*

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/13/2009*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
WHITE RIVER  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WR 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
WRU EIH 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
WRU EIH 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	
WR 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
OU GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
WRU EIH 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	
WRU EIH 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	
WRU GB 4WRG-9-8-22	09	080S	220E	4304734208	4915	Federal	OW	P	
WRU EIH 13WX-35-8-22	35	080S	220E	4304734210	12528 13456	Federal	GW	P	
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13545	Federal	GW	P	
WRU GB 9MU-9-8-22	09	080S	220E	4304734650	13545	Federal	GW	P	
OU GB 10W-9-8-22	09	080S	220E	4304734651	13545	Federal	GW	P	
OU GB 15W-9-8-22	09	080S	220E	4304734678	13545	Federal	GW	P	
OU GB 16W-9-8-22	09	080S	220E	4304734679	13545	Federal	GW	P	
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	12528 16723	Federal	GW	P	
GB 11ML-10-8-22	10	080S	220E	4304734691	14818	Federal	GW	P	
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	
WRU GB 5M-9-8-22	09	080S	220E	4304734753	13545 14447	Federal	GW	S	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	
OU GB 12M-10-8-22	10	080S	220E	4304734769	13545	Federal	GW	P	
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	TA	
WRU EIH 11MU-26-8-22	26	080S	220E	4304734836	12528 13713	Federal	GW	P	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	12528 15700	Federal	GW	P	
WRU EIH 9MU-26-8-22	26	080S	220E	4304735047	12528 14003	Federal	GW	P	
WRU EIH 15MU-26-8-22	26	080S	220E	4304735048	12528	Federal	GW	P	
WRU EIH 1MU-35-8-22	35	080S	220E	4304735049	12528	Federal	GW	P	
WRU EIH 9M-35-8-22	35	080S	220E	4304735050	12528 14005	Federal	GW	P	
WRU EIH 7MU-35-8-22	35	080S	220E	4304735051	12528 14106	Federal	GW	P	
WRU EIH 1MU-26-8-22	26	080S	220E	4304735118	12528 14349	Federal	GW	P	
WRU EIH 7MU-26-8-22	26	080S	220E	4304735119	12528 14102	Federal	GW	P	
WRU EIH 10MU-26-8-22	26	080S	220E	4304735120	12528 14107	Federal	GW	P	
WRU EIH 15MU-35-8-22	35	080S	220E	4304735121	12528 14197	Federal	GW	P	
WRU EIH 10ML-23-8-22	23	080S	220E	4304735187	12528 14503	Federal	GW	P	
WRU EIH 9ML-23-8-22	23	080S	220E	4304735189	12528 14504	Federal	GW	S	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
 WHITE RIVER  
 effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WRU EIH 16MU-26-8-22	26	080S	220E	4304735191	12528 14351	Federal	GW	P	
WRU EIH 2MU-26-8-22	26	080S	220E	4304735192	12528 14104	Federal	GW	P	
WRU EIH 8MU-26-8-22	26	080S	220E	4304735193	12528 14234	Federal	GW	P	
WRU EIH 16MU-35-8-22	35	080S	220E	4304735194	12528 14198	Federal	GW	P	
WRU EIH 8MU-35-8-22	35	080S	220E	4304735195	12528 17329	Federal	GW	P	
WRU EIH 13MU-25-8-22	25	080S	220E	4304735329	12528 14168	Federal	GW	P	
WRU EIH 15ML-23-8-22	23	080S	220E	4304735387	12528 14681	Federal	GW	S	
WRU EIH 4MU-25-8-22	25	080S	220E	4304735388	12528 14339	Federal	GW	P	
WRU EIH 3MU-25-8-22	25	080S	220E	4304735389	12528 14341	Federal	GW	P	
WRU EIH 12ML-24-8-22	24	080S	220E	4304735425	12528 14536	Federal	GW	P	
WRU EIH 14ML-24-8-22	24	080S	220E	4304735426	12528 14646	Federal	GW	P	
WRU EIH 6MU-25-8-22	25	080S	220E	4304735431	12528 14379	Federal	GW	P	
WRU EIH 5MU-25-8-22	25	080S	220E	4304735432	12528 14240	Federal	GW	P	
WRU EIH 12MU-25-8-22	25	080S	220E	4304735601	12528 14214	Federal	GW	P	
WRU EIH 14MU-35-8-22	35	080S	220E	4304735667	12528 14615	Federal	GW	P	
WRU EIH 13ML-24-8-22	24	080S	220E	4304735793	12528 14644	Federal	GW	S	
WRU EIH 16ML-23-8-22	23	080S	220E	4304735804	12528 14683	Federal	GW	P	
WRU EIH 11ML-24-8-22	24	080S	220E	4304735805	12528 14540	Federal	GW	P	
WRU EIH 6B-ML-35-8-22	35	080S	220E	4304737299	12528 15281	Federal	GW	P	
WRU EIH 11BML-35-8-22	35	080S	220E	4304737300	12528 15282	Federal	GW	P	
WRU EIH 3D-ML-35-8-22	35	080S	220E	4304737465	12528 15552	Federal	GW	P	
WRU EIH 7D-ML-35-8-22	35	080S	220E	4304737466	12528 15637	Federal	GW	P	
WRU EIH 4AD-25-8-22	25	080S	220E	4304738636	12528 16651	Federal	GW	P	
WRU EIH 7AD-26-8-22	26	080S	220E	4304738637	12528 16579	Federal	GW	P	
WRU EIH 6DD-35-8-22	35	080S	220E	4304738640	12528 16511	Federal	GW	P	

Bonds: BLM = ESB000024  
 BIA = 956010693  
 State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
 WHITE RIVER  
 effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WRU EIH 7AD-35-8-22	35	080S	220E	4304738641	16180	Federal	GW	P	
WRU EIH 14BD-35-8-22	35	080S	220E	4304738642	17143	Federal	GW	OPS	C
WRU EIH 9CD-26-8-22	26	080S	220E	4304738649	12528 16446	Federal	GW	P	
GB 1M-4-8-22R (RIGSKID)	04	080S	220E	4304738990	15879	Federal	GW	P	
WRU EIH 6D-5-8-23	05	080S	230E	4304738994	16415	Federal	GW	P	
WRU GB 13G-3-8-22	03	080S	220E	4304739792	4915	Federal	OW	P	
WRU GB 14G-4-8-22	04	080S	220E	4304740097	4915	Federal	OW	P	
GB 3D-4-8-22R(RIGSKID)	04	080S	220E	4304740345	17099	Federal	GW	P	



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. Bankert*

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the ~~Eastern States~~ Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV OF OIL, GAS & MIN. (MMS)